Catalog and Announcements

1991-92

MILLSAPS COLLEGE ARCHIVES

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Calendar for 1991-92

First Semester

August 23	Fall Conference for faculty
August 24	Residence halls open 9 a.m.
August 24-27	Orientation for new students
August 26-27	Registration for class changes
August 28	All classes meet on regular schedule
August 29	*Opening Convocation
September 13	Last day for schedule changes without grade
October 4-6	Parents Weekend
October 10	Tap Day
October 12	Mid-semester holidays begin, 8 a.m.
October 16	Mid-semester holidays end, 8 a.m.
	Mid-semester grades due
October 16-19	Fraternity and Sorority Rush
October 25	Last day for dropping courses with grades of WP or WF
November 1-2	Homecoming Weekend
November 11-26	Early registration for spring semester
November 27	Thanksgiving holidays, begin 12 noon
	Residence halls close, 3 p.m.
December 1	Thanksgiving holidays end
	Residence halls open, 12 noon
December 10	Last regular meeting of classes
December 11-12	Reading days
December 13,14,16,17,18,19	Final examination days
December 20	Residence halls close at 12 noon
December 21-January 1	College offices closed
January 2	Semester grades due in the Office of Records

Second Semester

January 12	Residence halls open 9 a.m.
January 13-14	Registration for class changes
January 15	All classes meet on regular schedule
January 29	Student Symposium
January 31	Last day for schedule changes without grade
February 14-15	Founders' Weekend
February 20	Tap Day
February 28	Mid-semester grades due
March 6	Spring holidays begin, 3 p.m.
	Residence halls close, 3 p.m.
March 15	Spring holidays end
	Residence halls open, 12 noon
March 20	Last day for dropping courses with grades of WP or WF
April 13-16	Comprehensive examinations
April 17	Good Friday - College offices closed half day
April 19	Easter
April 20-29	Early registration for fall semester 1992
April 23	Awards Day
April 28	Last regular meeting of classes
April 29	Reading day
	Final grades for graduating seniors due
April 30, May 1,2,4,5	Final examination days
May 7	Semester grades due in the Office of Records
May 8	*Baccalaureate
May 9	*Commencement
	Residence halls close at 5 p.m.

*Formal academic occasion

The Purpose of Millsaps College

Millsaps College has as its primary aim the development of men and women for responsible leadership and well-rounded lives of useful service to their fellow men, their country, and their God. It seeks to function as a community of learners where faculty and students together seek the truth that frees the minds of men.

As an institution of the Methodist Church, Millsaps College is dedicated to the idea that religion is a vital part of education; that education is an integral part of the Christian religion; and that church-related colleges, providing a sound academic program in a Christian environment, afford a kind of discipline and influence which no other type of institution can offer. The college provides a congenial atmosphere where persons of all faiths may study and work together for the development of their physical, intellectual, and spiritual capacities.

As a liberal arts college, Millsaps seeks to give the student adequate breadth and depth of understanding of civilization and culture in order to broaden his perspective, to enrich his personality, and to enable him to think and act intelligently amid the complexities of the modern world. The curriculum is designed to avoid premature specialization and to integrate the humanities, the social studies, and the natural sciences for their mutual enrichment.

The college recognizes that training which will enable a person to support himself adequately is an essential part of a well-rounded education. On the other hand, it believes that one of the chief problems of modern society is that in too many cases training as expert technicians has not been accompanied by education for good citizenship. It offers, therefore, professional and pre-professional training balanced by cultural and humane studies. In an environment that emphasizes the cultural and esthetic values to be found in the study of language, literature, philosophy, and science, the student at Millsaps can also obtain the necessary courses to prepare him for service in such fields as teaching, journalism, social work, and business or for professional study in these areas as well as in theology, medicine, dentistry, engineering, law, and other fields.

As an institution of higher learning, Millsaps College fosters an attitude of continuing intellectual awareness, of tolerance, and of unbiased inquiry, without which true education cannot exist. It does not seek to indoctrinate, but to inform and inspire. It does not shape the student in a common mold of thought and ideas, but rather attempts to search out his often deeply hidden aptitudes, capacities, and aspirations and to provide opportunities for his maximum potential development. It seeks to broaden his horizons and to lift his eyes and heart toward the higher and nobler attributes of life. The desired result is an intelligent, voluntary dedication to moral principles and a growing social consciousness that will guide him into a rich, well-rounded Christian life, with ready acceptance of responsibility to neighbor, state, and church.

—adopted by the Faculty and
Board of Trustees of Millsaps College, 1955-56,
and reaffirmed by the Board of Trustees, May, 1985

Information for Prospective Students

1991-92

History of the College

Millsaps College was founded in 1890 by the Methodist Church as a "Christian college for young men." The philanthropy of Major Reuben Webster Millsaps and other Methodist leaders in Mississippi enabled the college to open two years later on the outskirts of Jackson, the state capital, a town of some 9,000 population. The beginnings were modest: two buildings, 149 students (two-thirds of whom were enrolled in a preparatory school), five instructors, and an endowment of $70,432. Fifty years later, the student body numbered 599 and the faculty had increased to 33. Women were admitted at an early date and the graduation of Sing Ung Zung of Soochow, China, in 1908, began a tradition of the college's influence beyond the borders of the state.

Millsaps' first president, William Belton Murrah, served until 1910. Other presidents have been: David Carlisle Hull (1910-1912), Dr. Alexander Farrar Watkins (1912-1923), Dr. David Martin Key (1923-1938), Dr. Marion Lofton Smith (1938-1952), Dr. Homer Ellis Finger, Jr., (1952-64), Dr. Benjamin Barnes Graves (1965-1970), and Dr. Edward McDaniel Collins, Jr. (1970-1978). Dr. George Marion Harmon was named president in the fall of 1978.

General Information

The close personal relationship among students, faculty and the administration is one of the most vital parts of the Millsaps experience. A liberal arts college designed to train students for responsible citizenship and well-balanced lives, Millsaps offers professional and pre-professional training coupled with cultural and disciplinary studies. Students are selected on the basis of their ability to think, desire to learn, good moral character and intellectual maturity. The primary consideration for admission is the ability to do academic work satisfactory to the college and beneficial to the student.

Millsaps' 1,400-member student body represents about 35 states and several foreign countries. Students come from 25 religious denominations. All are urged to take advantage of the educational and cultural offerings of Mississippi's capital city of Jackson.

Research facilities available are: the State Department of Archives and History, the State Library, the library of the State Department of Health, and the Jackson Public Library. Together, they provide research facilities found nowhere else in the state. Cultural advantages include: the Mississippi Symphony Orchestra, Ballet Mississippi, New Stage Theatre, Mississippi Opera Association, and musical, dramatic, and sporting events held at the City Auditorium and the Mississippi Coliseum.

Millsaps is fully accredited by the Southern Association of Colleges and Schools and approved by the American Association of University Women and the University Senate of the United Methodist Church. The Else School of Management is accredited at both the undergraduate and graduate level by The American Assembly of Collegiate Schools of Business.

The Millsaps-Wilson Library

The Millsaps-Wilson Library has more than 240,000 volumes and 900 periodical subscriptions. It provides 390 seats in individual study carrels, tables and rooms as well as browsing and lounge areas. There is a collection of audio-visual materials and listening facilities. Special collections are: the Lehman Engel Collection of books and recordings; the Mississippi Methodist Archives; the Kellogg Collection of juvenile books and curriculum materials; the Paul Ramsey Collection in Applied Ethics; the Eudora Welty collection; U.S. Government Documents; the Millsaps Archives; and a rare book collection. Online computer searches and CD-ROM indexes are among the electronic services offered. The library is a member of the Central Mississippi Library Council and the Southeastern Library Network.

The Computing Center

In today's increasingly complex and information-driven society, students need to understand the role of computing. Millsaps has developed outstanding computer resources to meet this need. From several terminal complexes on campus students have access to the Digital Equipment RSTS/E and VAX/VMS timesharing systems which are located in the Computing Center in the Academic Complex. Included is the new facility with color graphics terminals in the Olin Science Building. In addition, a word processing facility for student use is available. To meet the growing interest in use of personal computers, the College has established three personal computer laboratories: one in the Murrah Hall Annex, one in Murrah Hall, and one in Sullivan-Harrell Hall.

Buildings and Grounds

The 100-acre campus is valued at about $30 million. Chief administrative offices are in Whitworth Hall. Murrah Hall, built in 1914, was renovated in 1981 to house the Else School of Management. Sullivan-Harrell Hall, built in 1928 and renovated in 1990, houses the departments of Computer Studies, Geology, Mathematics, Physics, Education, Psychology and Sociology. The Olin Hall of Science, dedicated in 1988, houses the departments of Biology and Chemistry.

The Christian Center, completed in 1950, was built with gifts from Mississippi Methodists, alumni, and friends. It has a 1,000-seat auditorium, a small chapel, classrooms, and offices. In 1967, the stage was renovated into a modern theatre stage.

The Academic Complex, completed in 1971, includes a recital hall in which is located a 41-rank Mohler organ. The complex houses Music, Art, Political Science, Computer Services, Business Office, Office of Records, Business Affairs and the Office of Adult Learning. It also contains sky-lit art studios, a student computer terminal room, a music laboratory and classrooms.

The Physical Activities Center, dedicated in 1974, has courts for basketball, tennis, badminton, and volleyball. Weight-training and physical therapy rooms are also included in this multi-purpose facility. An outdoor swimming pool is adjacent to this facility. Other athletic facilities include tennis courts and fields for football, baseball, soccer, and track.

The Boyd Campbell Student Center houses the Office of Student Affairs, the bookstore, post office, student activity quarters and a recreation area. The grill and dining hall are located in the student center also.

There are four residence halls for women and two for men. A new dormitory for junior and senior men and women opened in the fall of 1985. All are centrally cooled and heated.

The James Observatory is an historical landmark located on the northwest corner of the campus.

Admission Requirements

Millsaps College accepts without regard to race, color, sex, creed, or national origin all who are qualified to benefit from its academic program. Applicants must furnish evidence of:

1. Good moral character
2. Sound physical and mental health
3. Adequate scholastic preparation
4. Intellectual maturity

Freshman Admission

Application for admission as a full-time student with freshman standing may be made by one of the following:

1. **By high school graduation, provided that:**

   (a) The student's record shows satisfactory completion of graduation requirements with at least 12 units of English, mathematics, social studies, natural sciences or foreign language. Four units of English should be included.

   (b) Results of the American College Test (A.C.T.) or the Scholastic Aptitude Test (S.A.T.) are submitted and reflect satisfactory scores.

2. **By Equivalency Certificate**

   (a) Students who have not prepared for college may submit results of the General Educational Development Tests (G.E.D.) along with a transcript of work completed in lieu of requirements set forth in paragraph one (a).

   (b) At the discretion of the Admissions Committee, results of the American College Test (A.C.T.) or the Scholastic Aptitude Test (S.A.T.) may be required.

3. **Early Admission**

   (a) Students who are nearing high school graduation, but choose to enter college before graduation, may apply by submitting an official transcript and results of the American College Test (A.C.T.) or the Scholastic Aptitude Test (S.A.T.).

   (b) At least 12 units in English, mathematics, social studies, natural sciences, or foreign languages must be included. Normally, four units of English are required.

Transfer Admission

A transfer student is one entering Millsaps as a full-time student from another institution of higher learning. A completed application for admission and an official transcript from each college or university in which the applicant has been enrolled is required. These policies apply to the transfer applicant:

1. Full credit is normally allowed for work taken at other accredited institutions. Some courses which are not regarded as consistent with a liberal arts curriculum may not be credited toward a degree. Work done at non-accredited institutions may be validated if the student makes a satisfactory record at Millsaps.
2. After earning 62 semester hours at a junior or senior college, a student may not take additional work at a junior college and have it apply toward a degree from Millsaps College.
3. A student must complete the work necessary to fulfill requirements for a major at Millsaps or for pre-professional work or teaching licenses.
4. Grades and quality points earned at another institution will be recorded as they are on the transcript. The student must earn at Millsaps quality points at least double the number of hours of academic credit remaining on graduation requirements after transfer credits are entered.
5. In the case of a student transferring to Millsaps with partial fulfillment of a core requirement, the chair of the department concerned may approve a course to substitute for the remainder of the requirement. Students should consult with the Office of Records for college policy on courses that will substitute.
6. The student is subject to the regulation on advanced placement and credit by examination.
7. Credit is not given for correspondence courses.

Part-Time Admission

A part-time student is one enrolled in a degree program but taking fewer than 12 hours. Requirements for admission and policies pertaining to part-time students are the same as those for full-time students.

Adult Degree Program Admission

Students are admitted to the Adult Degree Program through the Office of Adult Learning. They may be part-time students or full-time students, depending upon their occupational and family responsibilities. Application forms, as well as information about the

program, may be obtained from the Office of Adult Learning. Students seeking admission to the Adult Degree Program must submit:

1. The completed application form.
2. A non-refundable application fee.
3. Official transcripts of all previous academic work.
4. Two letters of recommendation.
5. An essay introducing the applicant to the ADP Advisory Committee and stating the applicant's educational goals.

Students admitted to the Adult Degree Program are degree candidates.

Special Student Admission

A special student is one enrolled in a non-degree program. Applicants should submit the Special Student Application Form along with the application fee to the Office of Adult Learning. Transcripts of all academic work attempted must be provided the Office of Records prior to the end of the first month of enrollment. The following policies apply to special students:

1. Special students are expected to be 21 years of age and must present evidence of good character and maturity. Age requirements may be waived.
2. Special students may enroll for any courses without regard to graduation requirements, but must meet prerequisites for courses chosen.
3. Special students wishing to apply for a degree program must re-apply, provide full credentials and meet admission requirements for degree students.
4. Special students may not participate in extracurricular activities.

International Student Admission

Millsaps College welcomes international students. Admission credentials should be submitted well in advance of the semester in which one expects to enroll. They are:

1. Completed admission forms
2. Official transcript of all work attempted
3. Scores from the Test of English as a Foreign Language
4. Letters of recommendation from two persons
5. The application fee
6. A statement of resources for financial support while in the U.S.

Financial assistance is not available to international students so they must come prepared to pay the full cost of attending Millsaps and to support themselves during periods when the college is closed.

Leaves of Absence and Readmission

Students who leave the college for one semester or longer may apply for readmission by completing the appropriate application procedures and presenting transcripts for all academic work attempted while away from the College. Students on approved leaves of absence are not required to apply for readmission. They must apply to the Office of the Dean for permission to take a leave of absence. Those who are absent for more than four years may be required to meet graduation requirements in effect at the time of readmission or do additional work in their major in order to qualify for a degree.

Advanced Placement and Credit by Examination

Students entering Millsaps College may earn a waiver of certain requirements or college credit as a result of their performance on specific examinations. The amount of waiver or credit is limited to eight hours in any discipline and to 18 hours overall, with the exception of the Adult Degree Program where the limits are 12 and 30 hours respectively.

Scores on the appropriate Advanced Placement examination, C.L.E.P. subject matter examination, or C.E.E.B. achievement test should be sent to the Office of Records for evaluation. If a waiver of requirements or credit is granted, the score on the examination used will be recorded on the student's record in lieu of a letter grade. An administrative fee will be assessed for each course so recorded. (See the section on Special Fees.)

Listed below are the Millsaps courses for which credit is given for Advanced Placement courses taken in high school and the score required in order to earn that credit. In some cases, maximum credit is only given following satisfactory completion of a Millsaps course in the same field.

Course	A.P. Score
Art 101, 104, 105	5, 4, 3
Biology 132	5, 4
Chemistry 121-122	5, 4
English 101-102	5, 4
French 201-202	5, 4**
German 201-202	5, 4**
History 101-102	5, 4*
History 201-202	5, 4*
Latin 222	5, 4*
Mathematics 155 (Calculus AB)	5, 4, 3
Mathematics 161 (Calculus BC)	5, 4, 3
Physics 111-112	5, 4, 3
Physics 131-132	5, 4
Psychology 201	5, 4
Spanish 201-202	5, 4**

*Credit may be given for a three with approval of the department chairman.

**Credit will be given for a three with a grade of C or better in 251.

For information concerning scores necessary to attain course credit for other examinations, such as C.L.E.P., interested students should consult with the appropriate department chairman or the Dean of the College.

Applying for Admission

Prospective students should apply for admission well in advance of the date on which they wish to enter, particularly if housing accommodations on the campus are desired. The Admissions Committee acts on applications for the fall semester on December 1, January 15, March 1, April 1 and on a weekly basis thereafter pending vacancies in the class. Applications for the spring term are considered on a weekly basis.

In applying for admission a prospective student should follow this procedure:

1. Submit a completed application for admission form with the application fee to the director of admissions. The fee is not refunded to a student unless the application is not approved.
2. Request the high school principal or college registrar to send an official transcript directly to the director of admissions.

   (a) Transfers must include a transcript from every college or university attended.

   (b) A prospective student enrolled in school at the time of application for admission should have a transcript sent showing credits up to that time. A supplementary transcript will be required after admission.
3. Freshman and junior college applicants must submit results of either the American College Test (A.C.T.) or Scholastic Aptitude Test (S.A.T.)

Applicants to the Adult Degree Program should apply directly to the director of the Adult Degree Program. Applicants for the Master of Business Administration degree should apply directly to the director of the MBA Program.

Orientation and Advisement

Many members of the college community are involved on an ongoing basis with orienting new students to college life and advising students to help them accomplish maximum success in their academic work.

ORIENTATION: Freshmen and transfer students are expected to be on campus on dates specified in the college calendar. It is a cooperative effort involving students, faculty, and staff designed to prepare students for college life at Millsaps.

FACULTY ADVISORS: New students are assigned to faculty members who serve as academic advisors. When a student chooses the major field, a professor in that field becomes the advisor. The faculty advisors provide students with advice on courses to take to reach their degree objectives and on other academic concerns.

Counseling Services

Counseling services are available to all students in the Counseling & Career Planning and Placement Center. Students can receive counseling for a wide range of concerns. A counselor can assist in improving academic performance by helping a student develop study skills techniques such as time management, note-taking, problem-solving, and test-taking. Help is also available to students wishing to engage in self-exploration and goal-setting, to discuss relationships or other personal concerns, to develop better coping skills, to obtain information on other community resources, and to discuss other problems or concerns. Referrals to professionals or treatment programs off campus will be made when it is believed to be appropriate.

Career Planning and Placement

Career planning begins in the freshman year with an emphasis on exploring both career fields and academic majors. Through interest testing, planning and consultation, students can explore academic disciplines relevant to their interests and over time, establish realistic career directions, develop career strategies and set goals.

Frequent contact with the career counselor is encouraged to ensure continued development and movement toward a satisfying career choice. Students are invited to utilize resources in the career library, to participate in off-campus internships and to take advantage of opportunities for part-time and summer employment as bases of experience. These resources are available through the Counseling and Career Planning and Placement Center.

Developing skills in resume writing, interviewing and job search strategies are emphases for junior and senior students. Workshops on these topics are presented on a regular schedule and students are urged to come in for private conferences. Current listings of employment opportunities are available and on-campus interviews are scheduled with representatives from graduate and professional schools, businesses, industries and government agencies.

Student Housing

The dean and associate dean of student affairs coordinate housing in cooperation with residence directors and resident assistants. Men who are active members of a fraternity may live in its house after their freshman year.

All freshman men and women, unless they are married or live with members of their immediate families in Jackson or vicinity, are required to reside on campus in college residence halls and to dine on campus, also. Exceptions to this policy are unusual and must be authorized through the Office of the Dean of Student Affairs.

Residence hall rooms are designed to house two students each. Students should send the completed housing form and the college deposit as soon as possible. Assignments are

made in the order in which the deposit and a completed application are received. Students wishing to room together should make every effort to pay the college deposit at the same time and to specify their desire to room together. Room preferences are honored unless the rooms are already taken by students who are eligible for them. Single rooms are normally not available. Room rent cannot be refunded after the semester begins.

Assignments are made in the order in which this fee is received by the Business Office according to the following priorities:

1. Current residents who are returning and have paid the room deposit by the established deadline announced each spring.
2. Freshman students who have paid the room deposit.
3. New transfer students who have paid the room deposit.
4. Current students who wish to return to college housing and who paid the room deposit on time.
5. Current returning student residents who have not paid the room deposit on time.

Current students who have become academically ineligible and who have not been readmitted on petition by June 1 will be refunded the room deposit. These students, if readmitted at a later date, will need to pay the room deposit and will be put on a waiting list for room assignments.

A quiet wing option is offered for students who wish to live in an environment where more intensive study is possible twenty-four hours a day.

Residence halls open at 9 a.m. on the day preceding each term and close at 12 noon on the day following the last scheduled examination of each term. For Thanksgiving and spring holidays, the residence halls will close at 3 p.m. on the last day of scheduled classes and reopen at 3 p.m. on the day preceding the resumption of classes. Students are not housed in the residence halls during Thanksgiving, Christmas, or spring holidays.

Medical Services

Millsaps provides medical services during the regular academic year to its students who are suffering from minor illnesses. The services are limited to students living in Millsaps residence halls and fraternity houses. Medical services through the college physician are available through the nurse on duty (hours 9:00 a.m. to 1:00 p.m. Monday through Friday while school is in session) or, in her absence, one of the residence hall directors or the Office of Student Affairs.

The college pays for the initial visit to the college physician for each illness. These services are not available beyond the closing hours of the Internal Medicine Group with which the College physician is associated. The college does not pay for visits to specialists.

Student Records

In accordance with the Family Educational Rights and Privacy Act of 1974, Millsaps College students have the right to review, inspect, and challenge the accuracy of information kept in a cumulative file by the institution. It also ensures that records cannot be released without the written consent of the student except in the following situations:

(a) to school officials and faculty who have a legitimate educational interest, such as a faculty advisor;

(b) where the information is classified as "directory information." The following categories of information have been designated by Millsaps College as directory information: name, address, telephone listing, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, the most recent previous educational institution attended by the student, and information needed for honors and awards. If you do not wish such information released

without your consent you should notify the Office of Records in writing prior to the end of the first day of classes.

For a full statement of policy concerning the confidentiality of student records, consult the staff of the Office of Records or the Office of Student Affairs.

Millsaps College will not release transcripts of records until all accounts are paid in full. Should a party otherwise obligated to pay a just debt to the College fail to pay any such debt or cost to the College, then the debt may be turned over to an agent for collection and any such cost of collection must also be paid in full before the transcript is released.

Financial Information

1991-92

Tuition and Fees

Millsaps College is an independent institution. Each student is charged a tuition which covers approximately 56 percent of the cost of an education. The balance is met by income from endowment and by gifts from the United Methodist Church, alumni, trustees, parents, and other friends.

Semester Expenses for Full-Time Undergraduate Students

(12-16 Semester Hours)

Basic expenses for one semester are:

	Dormitory Student	Non-Dormitory Student
Tuition	$4,755.00	$4,755.00
Student Association Fee	50.00	50.00
Activity Fee	50.00	50.00
Room rent (1)	967.50 - 1,242.50	
Meals (2)	850.00	
Total	$6,672.50 - 6,947.50	$4,855.00

(1) Dormitory rooms are ordinarily rented on a yearly basis according to the schedule below. This schedule of charges is for students who enter in the fall. Those students who enter second semester will pay half the annual rate for their type of occupancy. If the student changes type of occupancy during the year, the charge will be adjusted accordingly. See Schedule of Payment and dormitory options below.

Schedule of Payment for Rooms

	1st Sem.	2nd Sem.	Total
Double Occupancy: Bacot, Ezelle, Franklin, Galloway, Sanders	$1,160	$ 775	$1,935
Goodman House	1,320	880	2,200
Sanderson Hall, North Wing	1,380	920	2,300
Sanderson Hall, South Wing	1,490	995	2,485

All dormitories are air conditioned.

Goodman House—Open to upperclass students. Air conditioned, garden style apartments with individual thermostat controlled utilities. Two bedrooms, study area, private bath, standard dormitory furniture. Price includes water. Electric utilities extra—estimated cost for normal double occupancy use: 430-$40 per month per student. Utility deposit of $160 per student each semester.

Sanderson Hall—Open to upperclass students. Above average size 4 person, two bedroom/living room suite style accommodations with bath in each unit. South wing has individual bedrooms plus living area and bath in each unit.

(2) This is the charge for the 21 meal per week plan. A 14 meal plan is available for $820.

Semester Expenses for Part-Time Undergraduate Students

(11 Hours or less)

1-7 hours	$ 320 per semester hour
8 hours	2,740
9 hours	3,245
10 hours	3,750
11 hours	4,255
Activity Fee	3.00 per semester hour

Reservation Deposits

NEW STUDENTS—All full-time students must pay a reservation deposit of $100. If a student decides not to come to Millsaps, this deposit is refundable if the Admissions Office receives a written request for refund prior to May 1.

RETURNING STUDENTS—All returning students requesting campus housing must pay a reservation deposit of $100 by May 15 to be assured of a room. If a student decides to withdraw from college housing, this deposit is refundable if a written request for refund is received prior to May 15. Upperclass students living in Goodman House will be required to pay a utilities deposit of $160.00 at the beginning of each semester. One-half of the electricity cost per apartment, each month, will be charged against each occupant's deposit. At the end of the semester, or academic year, any excess will be refunded or shortage collected.

Reservation deposits will be credited to the student's account upon enrollment.

Laboratory and Fine Arts Fees

Fine Arts Fees

Art courses

Each course except art history and senior project	$ 45

Music private lessons and use of practice rooms

Per credit hour (1/2 hour lesson per week)	90

Science Laboratory Fees

Astronomy — 101-102	45
Biology — all laboratory courses*	50
Chemistry — all laboratory courses*	50
— all laboratory courses breakage fee**	25
Geology — all courses*	50
Natural Science 201-202	45
Physics — all laboratory courses*	50
Psychology 312, 316	40

*Special Problems, Directed Study, Undergraduate Research

Per Credit hour	15

**Unused portion refundable at the end of the semester.

Computer Usage Fees

Computer Studies — all courses	75
All other courses with computer application	30-75

Materials Fee

Courses providing special instructional materials	10-20

Special Fees

The general purpose of special fees is to allocate to the user at least a portion of the direct cost for providing special services, equipment and facilities.

COURSE OVERLOAD FEE.—A fee of $75 per semester hour is charged for course loads above 16 semester hours.

PARKING FEE.—Full-time students who wish to park a car on campus will be charged a fee of $15 per semester. Part-time students will be charged $5 per semester. This fee will help cover the cost of maintaining the college parking lots and streets. The streets on campus are the property of the college and must be maintained by the college. Students failing to register vehicles may be denied the privilege of parking on campus.

ACTIVITY FEE.—A fee of $50 is charged for general student activities. The fee covers admission to all college sponsored activities, the use of all college recreational facilities, and participation in college activities not covered by tuition. Part-time students are charged at the rate of $2 per semester hour.

CREDIT BY EXAMINATION FEE.—A $25 fee is assessed for the recording of each course for which credit is allowed if the credit is not transfer credit or if the examination is not a Millsaps examination.

LATE FEE—A $25 late fee will be charged for both late payment and late scheduling of classes. The late fee will start September 5, 1990, for the Fall Semester and January 23, 1991, for the Spring Semester.

CHANGE OF SCHEDULE FEE.—A $5 fee will be charged for each change of schedule authorization processed. Any change initiated by the college will have no fee.

GRADUATION FEE.—The $50 fee covers a portion of the cost of the diploma, the rental of a cap and gown, and general commencement expenses. For students in majors which require a national exam as part of their comprehensive examination, any fee charged for this exam will be their responsibility.

MUSIC FEE.—Music majors who are full-time students will be required to pay only the one-credit-hour fee for private instruction per instrument per semester. All other students, including special students, must pay the prescribed fee in addition to tuition for any private instruction in music.

AUDITING OF COURSES.—Courses are audited with approval of the dean of the college. There will be no charge except laboratory fee to a full-time student for auditing any course. All other students must pay regular tuition and fees for auditing courses, except that persons 60 and over may audit undergraduate courses for one-half tuition and fees on a space available basis.

SENIOR CITIZENS.—Qualified senior citizens enrolled in an undergraduate degree program may pay full tuition for the first course taken each semester and then take additional courses at half-tuition based on the current hourly rates. All related fees will be paid at regular rates.

Financial Regulations

PAYMENTS—All charges for a semester are due and payable two weeks prior to the first day of classes. A student is registered and eligible to attend classes only after payment or other arrangements have been made with the Business Office.

Any accounts due for any preceding semester must be paid before a student will be enrolled for the succeeding semester. The director of records is not permitted to transfer credits until all outstanding indebtedness is paid. No student will graduate unless all indebtedness, including library fines and graduation fee, has been settled.

The Millsaps Plan is available for parents who prefer a flexible no-cost system for paying educational expenses in regularly scheduled payments over a period of months, instead of one lump sum payment at the beginning of each semester. For more information, write to:

The Millsaps Plan
c/o Business Office
Jackson, MS 39210-0001

CASHING PERSONAL CHECKS—Personal checks for a maximum of $50 may be cashed in the Business Office and a maximum of $10 in the Bookstore upon presentation of a Millsaps identification card.

RETURNED CHECKS—A charge of $15 will be made for each returned check.

REFUNDS—**Room rent cannot be refunded after the semester has begun.** Unused amounts paid in advance for board are refundable. A student who withdraws with good reason from a course or courses will have seven days including the date of the first meeting of classes to receive a refund of 80 percent of tuition and fees; within two weeks, 60 percent; within three weeks, 40 percent, and within four weeks, 20 percent. If a student remains in college as long as four weeks, no refund will be made except for board.

The date of withdrawal from which all claims to reductions and refunds will be referred is the date on which the director of records is officially notified by the student of the intention to withdraw. (See regulations relative to withdrawals.)

The college reserves the right to cancel the registration of any student at any time. In such a case, the pro rata portion of tuition will be returned. Students withdrawing or removed under disciplinary action forfeit the right to a refund.

MEAL PLAN—Students living in college or fraternity housing are required to participate in the college meal plan.

STUDENTS ROOMING IN FRATERNITY HOUSES—Rules regarding payment of board and fees applicable to other campus residents will be observed by these students.

REVISION OF CHARGES—Millsaps College reserves the privilege of changing any or all charges at any time without prior notice.

Scholarships and Financial Aid

Millsaps College grants scholarships and financial aid to students on two bases: academic excellence and financial need. Information may be obtained from the Dean of Student Aid Financial Planning. Financial aid is not available to international students.

In instances of financial need, the amount of aid granted is based on information submitted by the College Scholarship Service of the College Entrance Examination Board. The College Scholarship Service assists in determining the student's need for financial assistance. Students seeking assistance must submit a copy of the Financial Aid Form to the College Scholarship Service, designating Millsaps College as the recipient, by March 1. The Financial Aid Form may be obtained from a secondary school. Millsaps College, or the College Scholarship Service, P.O. Box 2700, Princeton, NJ 08541, P.O. Box 881, Evanston, IL 60204; or P.O. Box 380, Berkeley, CA 94701.

Institutional Scholarships

Dependents of United Methodist Ministers serving in the conferences of the state of Mississippi receive scholarship aid from the college.

The Foreign Student Scholarship Program supports the Foreign Student Program which attempts to assist foreign students enrolled.

General Scholarship Funds are budgeted each year to help students requiring financial aid.

The David Martin Key Scholarships are granted to promising students who are designated as the Key Scholars and are renewable if academic requirements are met. They are a memorial to Dr. David Martin Key, who served the college as teacher and president.

Leadership Scholarships are awarded to outstanding students with special talent in academic and fine arts areas. Selection is based on the merit of the nominee in the field of recommendation as well as test scores, grades, and leadership. These awards are renewable annually.

The Tribbett Scholarship is awarded at commencement to the member of the sophomore or junior class whose quality index is highest for the year, subject to the following qualifications:

1. Must be a regular student with not less than 32 semester hours' work for the year, and must have made at least C in each of the subjects studied.
2. Must be qualified for work assigned by the president of the college.

United Methodist Ministerial Students annually receive a $1,000 scholarship, contingent upon at least one year's reciprocal service in the ministry of the United Methodist Church.

United Methodist Scholarships provide $500 each for several Methodist students who have ranked in the upper 15 percent of their class.

Endowed and Sponsored Scholarships

The generosity of many individuals, families, corporations, and foundations is directly responsible for the scholarships shown below. If you desire information concerning the requirements of a particular scholarship fund, contact the Dean of Student Aid Financial Planning.

Adult Degree Program Scholarship Fund
H. V. Allen, Jr., Endowed Scholarship
Robert E. Anding Endowed Scholarship
Annie and Abe Rhodes Artz Endowed Scholarship
Endowed Art Scholarship Fund
Burlie Bagley Scholarship Fund
Bell-Vincent Scholarship Fund
Bergmark Scholarship Fund
J. E. Birmingham Memorial Scholarship Fund
Black Student Scholarship Fund
Jesse and Ruth Brent Scholarship
Pet and Randall Brewer Memorial Scholarship Fund
W. H. Brewer Scholarship
Lucile Mars Bridges Endowed Scholarship Fund
Rev. and Mrs. A. M. Broadfoot Memorial
Rev. and Mrs. W. T. Brown, Jr., Memorial Scholarship Fund
Dr. T. M. Brownlee and Dan F. Crumpton, Sr., Scholarship Fund
A. Boyd Campbell Scholarship Fund
Dr. Elbert Alston Cheek and Son Scholarships
Rev. and Mrs. C. C. Clark Endowed Scholarship Fund
Kelly Gene Cook Scholarship Fund
George C. Cortright, Sr., Scholarship
Magnolia Coullet Scholarship Fund
Dr. and Mrs. J. R. Countiss, Sr., Scholarship
Dr. and Mrs. C. W. Crisler Scholarship
Mr. and Mrs. Lamar Daniel Scholarship Fund
Helen Daniel Memorial Scholarship
Davenport-Spiva Scholarship Fund
Drama Scholarship
Charles W. and Eloise T. Else Endowed Scholarship Fund
Robert L. Ezelle, Jr., Scholarship Fund
Ben Fatheree Bible Class Scholarship
Jennye M. Few Scholarship Fund
Josie Millsaps Fitzhugh Scholarship
Bishop Marvin A. Franklin Scholarship Fund
Irene and S. H. Gaines Scholarship Fund
Marvin Galloway Scholarship
Marion P. "Duke" Giddens Scholarship Fund
John T. Gober Scholarship Fund
N. J. Golding Scholarship Fund
Pattie Magruder Sullivan Golding Scholarship Fund
Sanford Martin Graham Memorial Scholarship Fund
Clara Barton Green Scholarship
Wharton Green '98 Scholarship

Mr. & Mrs. S. T. Greer Scholarship Fund
Clyde and Mary Hall Scholarship
Mr. and Mrs. D. H. Hall Scholarship Fund
Maurice H. Hall, Sr., Endowed Scholarship Fund
James E. Hardin Memorial Scholarship Fund
Troy Harkey Endowed Music Scholarship Fund
Martha Parks Harrison Endowed Scholarship Fund
William Randolph Hearst Endowed Minority Scholarship Fund
Karim E. Hederi Endowed Scholarship Fund
Nellie Hederi Endowed Music Scholarship Fund
John Paul Henry Scholarship Fund
Herman and Martha Hines Endowed Scholarship Fund
Ralph and Hazel Hon Scholarship Fund
Joseph W. Hough Scholarship Fund
Kenneth Thomas Humphries Memorial Scholarship Fund
Kappa Alpha-Eric Gunn Memorial Scholarship
Rev. and Mrs. John Henderson Jolly Endowed Scholarship Fund
Dan and Rose Keel Scholarship Fund
Rames Assad Khayat Memorial Scholarship
Kimball Student Aid Scholarship Fund
Alvin Jon King Music Scholarship
Norma C. Moore Lawrence Memorial Scholarship Fund
S. Herschel Leech Endowed Scholarship Fund
Mr. and Mrs. C. E. Lecornu Scholarship Fund
Rev. and Mrs. W. C. Lester Scholarship Fund
Forest G. and Maude McNease Loftin Scholarship Fund
Susan Long Memorial Scholarship Fund
Jim Lucas Endowed Scholarship Fund
Lida Ellsberry Malone Scholarship
Mr. and Mrs. G. W. Mars Scholarship
Robert and Marie May Scholarship Fund
Daisy McLaurin Stevens Ford Fellowship Fund
Will and Della McGehee Memorial Scholarship
Joan B. McGinnis Scholarship Fund
James Nicholas McLean Scholarship Fund
Meeks Ford Fellowship Fund
David W. Meeks Ford Fellowship Fund
Arthur C. Miller Pre-Engineering Scholarship Fund
Mitchell Scholarship
E. L. Moyers Endowed Scholarship Fund
Eva Fair Neblett Memorial Scholarship
Rev. Robert Payne Neblett, Sr. Memorial Scholarship
J. L. Neill Memorial Scholarship
Harvey T. Newell, Jr., Memorial Scholarship
Marcella Ogden Memorial Scholarship Fund
Rev. Arthur M. O'Neil Scholarship Fund
Marty Paine Endowed Scholarship Fund
Marianne and Marion Parker Endowed Scholarship Fund

William George Peek Scholarship Fund
Randolph Peets, Sr. Endowed Scholarship Fund
Bishop Edward J. Pendergrass Scholarship Fund
J. B. Price Scholarship
Lillian Emily Benson Priddy Scholarship
Kelly Mouzon Pylant Memorial Scholarship Fund
T. W. Rankin Ford Fellowship Fund
Endowed Scholarship Fund in Religion
Jane Bridges Renka Endowed Scholarship Fund
S. F. and Alma Riley Memorial Scholarship
R. S. Ricketts Scholarship Fund
C. R. Ridgway Scholarship Fund
Frank and Betty Robinson Memorial Scholarship Fund
Velma Jernigan Rodgers Award
Thomas G. Ross Pre-Medical Scholarship Fund
H. Lowry Rush, Sr., Scholarship Fund
Richard O. Rush Scholarship Fund
Paul Russell Scholarship
Silvio A. Sabatini Memorial Scholarship Fund
Charles Christopher Scott, III, Scholarship Fund
George W. Scott, Jr., Scholarship Fund
Mary Holloman Scott Scholarship Fund
Rev. and Mrs. Lonnie M. Sharp Scholarship Fund
Albert Burnell Shelton Scholarship
William Sharp Shipman Foundation Scholarship Fund
Robert E. Silverstein Scholarship Fund
Janet Lynne Sims Scholarship Fund
Marion L. Smith Scholarship Fund
Willie E. Smith Scholarship
Dr. Thomas R. Spell Endowed Scholarship Fund
Rev. and Mrs. C. J. Stapp Memorial Scholarship Fund
Dr. Benjamin M. Stevens Scholarship Fund of the Hattiesburg District of the United Methodist Church
E. B. Stewart Memorial Scholarship Fund
R. Mason Stricker Memorial Scholarship Fund
Mike P. Sturdivant Scholarship Fund
Sullivan Memorial Ministerial Scholarship
J. M. Sullivan Geology Scholarship Fund
Sumners Scholars Grants
J. H. Tabb Endowed Scholarship Fund
William S. Triplett Award
Florence M. Trull Endowed Scholarship Fund
United Methodist Church Endowed Scholarship Fund
V-12 Memorial Scholarship Fund
Dennis E. Vickers Memorial Scholarship
Vicksburg Memorial Hospital Foundation Scholarship Fund
James Monroe Wallace, III, Scholarship
Alexander F. Watkins Scholarship Fund

W. H. Watkins Scholarship
John Houston Wear, Jr., Scholarships
James Thompson Weems Endowed Scholarship Fund
Mary Virginia Weems Scholarship
Dr. Vernon Lane Wharton Scholarship
Julian L. Wheless Scholarship Fund
Milton Christian White Scholarship
Lettie Pate Whitehead Foundation Scholarships

Loan Funds

Stafford Guaranteed Student Loan Program. Under this program the student will complete the Guaranteed Student Loan Application for the Agency for his or her home state and a Financial Aid Form. He/she sends the Financial Aid Form to the College Scholarship Service listing Millsaps as the recipient. The student should send the Guaranteed Student Loan Application to Millsaps so that the college can complete its portion of this form. Once the student and college officials have completed their portions, the student should then take the completed form to an approved lender (a Credit Union, Bank, Savings and Loan, and any other lending institution). If the student cannot find a lender, he/she should contact the financial aid office at Millsaps. The interest on these loans at this time is 8% until the beginning of the 5th year of repayment and then the interest becomes 10%. If a student qualifies, the federal government will pay the interest while the student is in school. Annual loan limits are $2,625.00 for undergraduate freshmen and sophomores, $4,000.00 for upper level undergraduates and $7,500.00 for graduate students. The cumulative limits are $17,250.00 for an undergraduate and $54,750.00 for undergraduate and graduate work combined. (Repayment begins six months after graduation or withdrawal from school.)

Plus/SLS. Under this program parents of students enrolled or accepted for enrollment as at least half-time students are eligible to borrow for the student's educational expenses. Independent undergraduate students or graduate/professional students who are enrolled or admitted for enrollment as at least half-time students are eligible to borrow for their educational expenses under this program. Applications for this program may be obtained from the Student Aid Financial Planning Office. A variable interest rate has been established for both of these programs. Interest will be the one-year Treasury Bill rate, plus 3.75%, with a maximum of 12%. For a parent borrower $4,000.00 is the maximum per academic year for each dependent undergraduate student not to exceed a total of $20,000.00. The repayment period on the loan begins the day the loan is disbursed and interest begins to accrue that day. The first payment is due within 60 days of the date of loan disbursement.

Perkins Loans (NDSL). A student may borrow in the first two academic years a total sum not to exceed $4,500 and during the undergraduate course of study a sum not exceeding $9,000. Payment of the loan begins nine months after the borrower has completed or withdrawn from higher education work and will be completed within 10 years and nine months. The interest rate is 5 percent during repayment. Detailed information concerning this loan and application forms can be secured from the Dean of Student Aid Financial Planning at Millsaps.

Other loan funds include:

Joseph C. Bancroft Loan Fund
Coulter Loan Fund
Claudine Curtis Memorial Loan Fund
William Larken Duren Loan Fund
Paul and Dee Faulkner Loan Fund
Kenneth Gilbert Endowed Loan Scholarship
Phil Hardin Loan Fund
Jackson Kiwanis Loan Fund
Joe B. Love Memorial Loan Fund
Graham R. McFarlane Loan Scholarship

J. D. Slay Ministerial Loan Fund
United Methodist Student Loan Fund
George R. and Rose Williams Endowed Loan Fund

Additional Financial Aid Opportunities

Part-time Employment: Students who want part-time work on campus must apply through the Awards Committee. Students seeking employment off campus may contact the Placement Office.

The College Work-Study Program has been established from funds contributed by the federal government and the college to provide financial assistance through employment.

State Student Incentive Grants are provided by Millsaps, the state of Mississippi and the federal government. These funds are to help qualified students with substantial financial need.

Supplemental Educational Opportunity Grants are provided by the federal government to provide supplemental grants to other aid to assist in making available the benefits of higher education to qualified students of exceptional financial need who, for lack of financial means of their own or their families, would be unable to obtain an education without such aid.

The Pell Grant was established by the Educational Amendments of 1972 and is funded by the federal government. When the grant is fully funded, the maximum award is $2,300.

Student Life

1991-92

Campus Ministry

Religious life at Millsaps centers around the churches, synagogue and other faith communities of the city of Jackson and the religious life program coordinated through the Campus Ministry Team. Churches provide communities of faith for students, faculty and staff. The campus religious life program attempts to provide experiences which explore the meaning of a life of faith for a college community.

To accomplish this, a varied program is offered: sponsorship of special programs on the Friday Forum Series on such issues as the occult, the family, and the Skinhead phenomenon; a series that addresses from an intentionally Christian perspective such issues as abortion, censorship and pornography, homosexuality and war; fellowship experiences; Bible studies; projects in the community working with disadvantaged populations; chapel and special services such as the Advent and Maundy Thursday Services; emphases on such issues as AIDS and Adult Children of Alcoholics; and many others. In addition, the campus chapter of Habitat for Humanity is very active and the Centennial Voluntary Service Project has as its goal 100,000 hours of service to the community by students, faculty, staff, alumni, parents and members of the Board of Trustees. All of these experiences are meant to communicate an active understanding of the life of faith as it addresses crucial social needs.

In addition to the Campus Ministry Team, the Fellowship of Christian Athletes sponsors a group on campus. All campus ministry is strongly ecumenical. Furthermore, in addition to the College Chaplain, the college has been fortunate to have additional parttime and fulltime persons at various times working on campus through the United Methodist Mission Intern Program and the Catholic VOICE program.

The Office of the Chaplain serves as a liaison with churches and with The Mississippi Conference of the United Methodist Church. Furthermore, a working relationship has been established with many community projects and agencies as vehicles for student involvement.

Public Events Committee

The Public Events Committee receives funds from the student government to sponsor programs of general interest to the campus and community. Its major activity is the Friday Forum Series—a continuing slate of speakers presented each Friday during the academic year. The objective of the series is to provide information and stiumlate interest in current issues, to explore historical events, and to present differing perspectives on controversial subjects. Faculty members, local authorities and national experts are invited to present their thoughts on a variety of literary, cultural, scientific, political, religious and historical topics.

In addition to the Forum Series, the Public Events Committee sponsors special events throughout the academic year. It provides funds to student organizations and academic departments interested in organizing programs open to the entire campus. These include films, guest speakers, and music recitals.

All of these activities have to do with the true aim of liberal education: the liberation of the mind to grasp the world of nature and of human experience and action in all its richness and complexity, and to respond with awareness, sensitivity, concern, and mature judgment.

Athletics

The athletic policy of Millsaps College is based on the premise that athletics exist for the benefit of the students and not primarily to enhance the prestige and publicity of the college.

Competitive sports conducted in an atmosphere of good sportsmanship and fair play can make a significant contribution to the complete physical, emotional, moral, and mental development of the well-rounded individual. They are thus an integral part of a program of liberal education. An attempt is made to provide a sports-for-all program and to encourage as many students as possible to participate.

Intercollegiate

The program for men includes football, basketball, baseball, cross country, tennis, golf, and soccer. The women's program includes basketball, tennis, soccer, cross country, and golf.

The programs are conducted on guidelines established by the National Collegiate Athletic Association for Division III institutions and the College Athletic Conference.

Those who participate in intercollegiate athletics are required to observe and maintain the same academic standards as other students.

Intramural

The program for men provides competition among campus organizations in basketball, volleyball, softball, team handball, flag football, indoor soccer, and outdoor soccer. The program for women includes volleyball, basketball, softball, and flag football.

Publications

The **Purple and White** is the official student newspaper of the college, and its staff is composed of individuals interested in journalism. The **P&W** endeavors to provide coverage of all Millsaps events, as well as to serve as a forum for discussion and exploration of ideas.

The **Bobashela** is the annual student publication of Millsaps College, attempting to give a comprehensive view of campus life. Bobashela is an Indian name for good friend.

Through **Stylus**, the college literary magazine, students interested in creative writing are given an opportunity to see their work in print. The publication comes out twice each year and contains the best poetry, short stories and essays submitted by Millsaps students.

Music and Drama

The Millsaps Singers

Open by audition to all students, the Singers represent Millsaps in public performances, campus programs and annual tours throughout the state and other areas of the United States. In recent years the choir has traveled to Colorado; to Washington, D.C.; to Atlanta to record for the National Protestant Hour; and to Mexico. The choir has sung with the Memphis Symphony Orchestra three times, the Jackson Symphony many times, the Chicago Chamber Orchestra and the New Orleans Philharmonic.

The Troubadours

Auditions are held each fall for membership in the Troubadours, a chamber choir of 16 students selected from the Singers who specialize in madrigals and vocal jazz. The Troubadours represent the college at numerous campus, high school, and cultural functions throughout the region.

The Wind Ensemble

The Wind Ensemble is an important performing group within the Music Department. Made up of brass, woodwinds, and percussion, this ensemble is open to all students with instrumental and musical experience. They enjoy giving performances alone or in concert with the Millsaps Singers.

The Millsaps Players

The Millsaps Players, now in their seventh decade, produce four full-length plays each year. In addition, they present several one-act plays directed by senior theatre majors. Casting for all plays is done by audition, open to all students. Participation in Players productions, either onstage or backstage, earns credit toward membership in Alpha Psi Omega, national honorary dramatics fraternity. Among the major productions staged in recent years are *The Tempest, Ring Round the Moon, Biloxi Blues, Ghosts, Equus, A Midsummer Night's Dream, Camino Real, West Side Story, Sweet Bird of Youth, Hedda Gabler, She Stoops to Conquer, Summer and Smoke, Dark of the Moon, All My Sons, Much Ado About Nothing, Shenandoah,* and *Tea and Sympathy.*

Student Organizations

Student Body Association

All regularly enrolled students of Millsaps are members of the Student Body Association. Those taking at least 12 hours or part-time students who pay the Student Body Association fee have full power of voting. The Millsaps Student Body Association is governed by the Student Senate, the Student Judicial Council, and the Student Body Association Officers. The Student Senate is composed of 36 voting members elected from the Millsaps Student Body Association. Members of the Student Senate are chosen by the third Tuesday in September and serve their constituency the length of the academic year.

Student Body Association Officers of the Student Senate are elected at large from the Millsaps Student Body Association. The officers are president, first vice-president, second vice-president, secretary, and treasurer. The officers serve a term beginning and ending in January.

Student Senate meetings are held on a regular basis with special meetings called by the secretary at the request of 1) the president of the Senate, 2) the Senate, 3) seven members of the Senate, 4) the president of the college.

The duties and functions of the Student Senate are to exercise legislative power over those areas of collegiate activity that are the responsibility of students and to speak for the Student Association on all matters of student concern. In addition the Student Senate is responsible for 1) apportioning funds collected by the college as Student Association fees according to college policies; 2) granting or revoking charters to student organizations; 3) formulating rules of social and residence hall conduct; 4) supervising student elections; 5) carrying out traditional class responsibilities; and 6) the intramural program.

The Judicial Council is composed of eight voting members in addition to the two student alternate members. Members are appointed as follows: two faculty members appointed by the vice president and dean of the college with the approval of the president; one administrative staff member appointed by the president; five student members and two student alternate members appointed by a committee composed of three student Judicial Council members and three Student Body Association officers and confirmed by the Student Senate. A student affairs staff member serves as the non-voting secretary.

The Judicial Council generally has jurisdiction over student disciplinary cases. Limitations of its authority are delineated in the constitution of the Millsaps College Student Body Association which is printed in the student handbook.

Honor Societies

Alpha Epsilon Delta is an honorary pre-medical fraternity. Leadership, scholarship, expertness, character, and personality are the qualities by which students are judged for membership. The organization seeks to bridge the gap between pre-medical and medical studies.

Alpha Eta Sigma is a scholastic and professional accounting fraternity with the following objectives: promotion of the study and practice of accounting; provision of opportunities for self-development and association among members and practicing accountants; and encouragement of a sense of ethical, social, and public responsibility.

Alpha Kappa Delta, an international sociology honorary, promotes the use of the sociological imagination in understanding and serving human beings. The chapter, Gamma of Mississippi, founded in 1984, is a joint chapter with Tougaloo College.

Alpha Psi Omega, a national honorary dramatic fraternity, recognizes members of the Millsaps Players for their effective participation in acting, directing, make-up, stage management, costuming, lighting, or publicity.

Beta Beta Beta, established at Millsaps in 1968, is a national honor fraternity for students in the biological sciences. Its purposes are to stimulate sound scholarship, to promote the dissemination of scientific truth, and to encourage investigation of the life sciences.

Eta Sigma Phi is a national honor fraternity recognizing ability in classical studies. Alpha Phi, the Millsaps chapter, was founded in 1935.

Financial Management Association Honor Society, established in 1984 on the Millsaps campus, serves to encourage and reward scholarship and accomplishment in business and non-business finance, banking and investments among undergraduate and graduate students, and to encourage interaction between business executives, faculty, and students of business and finance.

Kappa Delta Epsilon, a professional education honorary, promotes the cause of education by fostering high scholastic standing and professional ideals among those preparing for the teaching profession.

Omicron Delta Epsilon is the international economics honorary society. It is dedicated to the encouragement of excellence in economics, with a main objective of recognizing scholastic attainment in economics. Delta chapter of Mississippi was formed at Millsaps College in 1981.

Omicron Delta Kappa is a leadership society with chapters in principal colleges and universities. Pi Circle at Millsaps brings together members of the student body, faculty and administration interested in campus activities, together with a limited number of alumni, to plan for the betterment of the college. Election to membership in Omicron Delta Kappa is a distinct honor.

Order of Omega is a national leadership society which recognizes student achievement in promoting inter-Greek activities. The Millsaps chapter, Eta Kappa, was founded in 1986.

Phi Alpha Theta is an international honor society in history founded in 1921. Membership is composed of students and professors, elected on the basis of excellence in the study and writing of history. It encourages the study, teaching, and writing of history among all its members.

Phi Beta Kappa, the nation's oldest academic honor society, was installed at Millsaps in spring 1989. It recognizes and encourages excellence in the liberal arts. The Millsaps chapter, Alpha of Mississippi, elects members from the senior class on the basis of broad cultural interests, scholarly achievement, and good character.

Phi Eta Sigma is a national honorary society which recognizes outstanding academic achievement in freshmen. The Millsaps chapter was established in 1981. Membership is open to all full-time freshmen who achieve a grade-point average of 3.5 in either the first semester or both semesters of the freshman year.

Pi Delta, a political science honorary, was founded at Millsaps in 1989.

Pi Delta Phi is a national French honor society which recognizes attainment and scholarship in the study of the French language and literature.

Pi Kappa Delta is a national honorary forensic organization which recognizes student attainment in inter-collegiate debate and individual speech events. The Alpha of Mississippi Chapter was founded at Millsaps in 1929, but became inactive in the early 70s. In 1989 a reaffiliation charter was granted by the national organization.

Schiller Gesellschaft was founded in order to give recognition to those students who have shown excellence in the study of German and in order to provide a forum for the study of all aspects of German civilization.

Sigma Delta Pi, the international Spanish honorary, was established at Millsaps College in 1968. This honor society recognizes attainment and scholarship in the study of the Spanish language and literature.

Sigma Lambda is a leadership and service honorary society whose members are primarily sophomores selected on the basis of character, scholarship, and involvement in college and community activities. It brings together student leaders from many phases of campus life along with a limited number of faculty members to provide opportunities for service to the Millsaps community and to act as a channel for the exchange of information about campus events and concerns.

Sigma Pi Sigma, a national honor society in physics, was established at Millsaps in 1988. Its purpose is to honor excellence in physics.

Sigma Tau Delta is the national English honor society. The purposes of the society are to confer distinction for high achievement in English language and literature in undergraduate, graduate, and professional studies; to promote interest in literature and the English lan-

guage on local campuses and their surrounding communities; and to foster the discipline of English in all its aspects, including creative and critical writing. The Zeta Sigma chapter was chartered at Millsaps in 1983.

Theta Nu Sigma membership is offered to second semester sophomores, juniors, and seniors who are majoring in one of the natural sciences and who fulfill certain specified qualifications. The purpose is to further general interest in the sciences.

Activity Groups

Adult Student Association is open to all Millsaps adult undergraduate students 24 years of age and older. This organization assists adult learners in their re-entry to college life, provides a forum for sharing experience and knowledge and enhances career opportunities through networking with other students, faculty and administrative staff. The Association meets once each semester. The ASA Newsletter is sent to all adult learners enrolled in academic courses.

Art Club is open to students who have an interest in furthering their enjoyment of art.

Bacchus is a national organization a chapter of which was established at Millsaps in 1982 with the purpose of promoting responsibility and choice in the use of alcoholic beverages.

Black Student Association is designed to stimulate and improve the social and academic atmosphere for black students at Millsaps College.

Cheerleaders is open to upperclass students by audition early each spring. Cheerleader responsibilities include separate squads for football and basketball.

Circle K, established at Millsaps in 1984, serves to provide leadership training in service, to serve on the campus and in the local community and to promote good fellowship and high scholarship. Students of good character and satisfactory scholastic standing may be elected to membership.

Cross Cultural Connection, open to all students, endeavors to promote a sense of belonging for international and minority students by providing a forum for the exchange of cultural ideas, knowledge and values.

Deutscher Verein was founded to provide an organization for the informal study of various aspects of German and Austrian cultural life.

English Club is open to anyone interested in literature and writing. Activities include guest speakers, social gatherings, and discussion groups.

Financial Management Association Finance Club is open to anyone with an interest in finance. Activities include the Merrill Lynch Challenge Stock Market game and visits to or speakers from financial institutions.

Forensics Society, organized in 1986, is intended for students who maintain an interest in debate and other forms of speech competition.

French Club is open to anyone interested in French language and culture. Club activities include tutoring, discussions and a film series.

Habitat for Humanity is open to all students who are interested in pursuing the activities of Habitat, the building of houses for the less fortunate and raising funds for these houses and overseas projects.

Literary Club provides organized leisure through the reading and discussion of primarily 20th century literary works. Membership is open to all students.

Results is a local chapter of the national Results organization which is a grass roots movement to end hunger by citizen support of legislation to end domestic and world hunger. The Millsaps chapter was founded in 1988.

Society of Physics Students is open to all students interested in physics and related areas. Activities include visits to observatories, discussions, field trips, social events and professional contacts and speakers.

Fraternities and Sororities

There are six fraternities and five sororities at Millsaps. The fraternities and sororities are all members of well-established national Greek-letter organizations.

The sororities are Alpha Kappa Alpha, Chi Omega, Delta Delta Delta, Kappa Delta and Phi Mu.

The fraternities are Alpha Phi Alpha, Kappa Alpha, Kappa Sigma, Lambda Chi Alpha, Pi Kappa Alpha, and Sigma Alpha Epsilon.

Policies governing sorority and fraternity life are formulated through the Panhellenic Council and the Interfraternity Council.

At the end of rush week these organizations offer "bids" to the students whom they have selected. Eligibility for membership in sororities and fraternities is governed by the following regulations:

A. General Conditions

1. Only bona fide regular students (carrying at least 12 academic hours) may be pledged. Activity classes do not count toward this requirement.
2. A student may not be pledged to a fraternity or sorority until official registration for classes has been cleared by the Office of Records.
3. Each social organization shall secure a letter of scholastic eligibility of its prospective initiates from the Director of Records prior to the initiation ceremonies.
4. Only persons who are bona fide students at Millsaps at initiation time can be initiated.

B. Scholastic Requirements

1. To be eligible for initiation, a student must have earned in the most recent semester of residence a minimum of 12 semester hours of academic credit, must not have fallen below D in more than one subject, and must have earned a 2.0 grade point average for the semester.
2. A student who drops a course after the end of the half semester shall receive an F for sorority or fraternity purposes as well as for academic averages.
3. The two terms of summer school combined shall count as one semester for sorority or fraternity purposes.

Medals and Prizes

Awarded at Commencement

Founders' Medal is awarded to the senior who has the highest quality index for the entire college course and has received a grade of Excellent on the comprehensive examination. Only students who have completed at Millsaps College all the work required for the degree are eligible for this award.

Awarded at Convocation

Tribette Scholarship is awarded to the member of the sophomore or junior class whose quality index is highest for the year, subject to the following qualifications:

1. Must be a regular student with not less than 32 semester hours' work for the year, and must have made at least C in each of the subjects studied.
2. Must be qualified for work assigned by the president of the college.

Awarded on Awards Day

Senior Accounting Award is made annually to the accounting senior who scores highest on the AICPA Level II exam.

Alpha Epsilon Delta Award. The local chapter of Alpha Epsilon Delta, a national society for pre-medical and pre-dental students, awards annually a certificate of merit to the most outstanding member of the society in the graduating class.

Alpha Psi Omega Award. Five acting awards, awards in scenery and backstage work a Freshman of the Year award and the Mitchell Award are presented each year to those students who are outstanding in dramatics.

Henry and Katherine Bellaman Award recognizes the achievements of a student who has done truly outstanding work in one of the creative arts—in writing, in composing, or in one of the graphic arts.

Beta Beta Beta Award. The Beta Beta Beta Chapter recognizes annually an outstanding member of the chapter who has demonstrated scholastic excellence and outstanding service in the field of biology.

Reid and Cynthia Bingham Award. This award is presented annually to the junior and senior scholars of distinction in Political Science.

Biology Award. The Department of Biology recognizes annually an outstanding member of the graduating class whose major is biology.

Biology Research Award. The Department of Biology recognizes annually a biology major who has won recognition in biology on the basis of interest, scholarship, and demonstration of research potential.

Black Students Association Awards. The BSA recognizes annually the outstanding female and male black students on the basis of academic achievements and contributions to the organization.

Lawrence F. Boland Memorial Scholarship. An annual cash award made to a senior geology major by a committee from the Mississippi Geological Society from nominees submitted by the Department of Geology. Deserving nominations must have maintained a high academic average; have geological curiosity; be responsible, dependable and of good ethical character; be able to communicate effectively; and, have a desire to work in the geologic profession.

Analytical Chemistry Award. This award is sponsored each year by the Millsaps College Department of Chemistry and the American Chemical Society, Division of Analytical Chemistry, and is awarded to the most outstanding undergraduate in analytical chemistry.

Chemistry Award. The Chemistry Department annually presents an award to the outstanding graduating senior in chemistry.

Chi Omega Award. Chi Omega sorority, seeking to further the interest of women in the social sciences, presents a cash award to the girl having the highest average for the year in the field of history, political science, psychology, sociology, economics, or other courses in the social sciences.

Clark Essay Medal is awarded annually to that student who presents the best and most original paper in an English elective course.

Computer Studies Award. The Department of Computer Studies presents an award annually to the student who has an outstanding achievement in computer studies.

Magnolia Coullet Senior Award is given annually to that senior who has best demonstrated excellence in and love for classical studies.

Deutscher Verein Award is made to a member of this organization for his or her outstanding contribution during the current school year.

Education Awards. The Department of Education presents the Outstanding Scholarship Award annually to the senior receiving teacher certification with the highest scholastic average. The Excellence in Teaching Award is presented annually to the senior receiving teacher certification who has shown, through student teaching and other field experiences, the most potential for outstanding contributions in the teaching profession.

Charles W. and Eloise T. Else Awards are made to rising seniors in the School of Management who have distinguished themselves academically in their overall college work and in required junior-level coursework.

Eta Sigma Phi Awards are made to the students with the highest scholastic averages in Latin and Greek.

Major in Geology Award. Two cash awards are made annually to two geology majors who have demonstrated ability and scholastic achievement.

German Awards. Each year, through the generosity of the West German Federal Republic and the Republic of Austria, the Department of German presents appropriate book prizes to students showing excellence in the German language and literature.

Paul D. Hardin Award is given annually to the outstanding senior major in English.

President John F. Kennedy Award. The Political Science Department established the President John F. Kennedy Award to be given to the outstanding senior graduating in political science who has demonstrated qualities of excellence in academic career, personal integrity, and commitment to the highest ideals of the public good in a democratic society.

Lambda Chi Alpha Award is given annually to that faculty member who has contributed most to understanding life and ideals set forth by the college.

Jim Lucas Scholarship is awarded annually to the student who best exemplifies talent in technical theatre and desires to pursue a career in that field.

James P. Magnus Award in Accounting is a scholarship to an accounting major who has demonstrated academic excellence and has completed the sophomore year.

Freshman Mathematics Award is made annually by the Department of Mathematics of Millsaps College to the most outstanding freshman in mathematics.

Samuel R. Knox Mathematics Award is made annually to up to three deserving majors. Each recipient is given a year's membership in the Mathematical Association of America.

C. Wright Mills Award. This award is given each year to the outstanding senior majoring in sociology.

Mississippi Society of Certified Public Accountants' Award is a monetary award made each year to an accounting major who has compiled an outstanding record through the junior year.

Ross H. Moore History Award. This award is given annually to the outstanding senior history major in recognition of Dr. Moore's distinguished service to Millsaps College for more than 60 years.

Senior Music Award is presented to the senior music major who, in the opinion of the faculty, has been the most outstanding student in the Department of Music during their four years at Millsaps.

Pendergrass Medal is awarded to the outstanding senior student who plans to enter the pastoral ministry of the United Methodist Church and to enter seminary to prepare for this responsibility.

General Physics Award. The Physics Department presents annually to the two students with the highest scholastic averages in general physics a handbook of chemistry and physics.

J. B. Price General Chemistry Award. The Chemistry Department presents annually to the student with the highest scholastic average in general chemistry a handbook of chemistry and physics.

Velma Jernigan Rodgers Scholarship Award is presented to the rising senior woman student who has the highest grade point average in the humanities. The award was established in 1982 by Mrs. Rodgers, a long-time friend and benefactor of the College, and is intended to encourage study in one of the areas in the humanities (history, literature, philosophy or religion).

Albert Godfrey Sanders Award in French is given to a student in intermediate French on the basis of academic excellence in the language and for general interest and contributions in the dissemination of French culture and civilization. The award is intended to encourage students on the intermediate level to continue their studies in the field of French literature, and it carries with its honor a certificate of excellence and a handsome volume, devoted to some aspect of French culture, donated by the Cultural Services of the French Embassy in New York.

Albert Godfrey Sanders Award in Spanish has the same purpose and qualifications for the student in intermediate Spanish as the A. G. Sanders Award in French has for students of that language. The award, in addition to the honor conferred, consists of a certificate of excellence and a handsome volume devoted to some aspect of Spanish culture.

Schiller Gesellschaft Prize. The Schiller Gesellschaft offers an award annually to the graduating senior who is distinguished in the study of German.

Janet Lynne Sims Award is a medal and stipend presented to a full-time student majoring in pre-medicine who has completed four semesters of work. Selection is made on the basis of academic excellence. The award was established in 1977 in memory of Miss Sims by her parents, Mr. and Mrs. T. Stanley Sims, and her friends. Miss Sims would have been a member of the 1977-78 freshman class at Millsaps.

William S. Triplett Award in Economics is a scholarship to an economics major who has demonstrated academic excellence and has completed the sophomore year.

Union Pacific Scholarship. This cash award is made annually to a graduating senior in Geology with the highest GPA in Geology and the highest overall GPA.

West Tatum Award is made annually to the outstanding pre-medical student selected by the faculty.

Theta Nu Sigma awards annually a certificate to the member of the graduating class who has done outstanding work in the natural sciences.

Wall Street Journal Award is made annually by the Wall Street Journal of New York to the business administration senior who scores highest on the UAP exam.

Curriculum

1991-92

Requirements for Degrees

1. Requirements for All Degrees

A total of 124 hours is required for the Bachelor of Arts, Bachelor of Science, and Bachelor of Business Administration degrees; 120 hours for the Bachelor of Liberal Studies degree; and 128 hours for the Bachelor of Music degree.

Of this total, 120 (124 for the B.M. degree) must be letter graded academic hours excluding physical education activity courses but including core requirements and major requirements. The only exception is that a maximum of six hours in the internship program may be graded on a credit/no-credit basis.

Credit by examination, where there is a score that can be entered on the student's record, is treated as letter-graded credit subject to the limitations stated in the section on Advanced Placement and Credit by Examination.

2. Core Requirements for All Degrees:

Fine Arts. . . . . 3 Hours
Any course in art or music for which the student qualifies, or Theatre 103-104.

History . . . . . 6 Hours
History 101-102 or 103-104

Literature . . . . . 6 Hours
English 201-202 or 203-204

Religion and/or Philosophy . . . . . 6 Hours
Any course in religion or philosophy for which the student qualifies (except that three hours must be in religion).

Laboratory Science. . . . . 8 Hours
A one-year course to be chosen from:
- Astronomy 101-102
- Biology 131 and 132 or 133
- Chemistry 121-123, 122-124
- Geology 101-102
- Natural Science 201-202
- Physics 111-112 or 131-132 in addition to 151-152

Mathematics . . . . . 6-8 Hours
A minimum requirement of:
- Mathematics 103-104; 140-145; 140-155; or 140-172 for B.A., B.M., and B.L.S. degrees.
- Mathematics 140 and 155 for B.B.A. degree.
- Mathematics 160-155; 150-155; or 160-161 for B.S. degree.

Note: Certain majors require a specific sequence (see departmental requirements).

Social and Behavioral Sciences. . . . . 6 Hours
Any course in the disciplines of anthropology, economics, political science, psychology and sociology for which the student qualifies (excluding Economics 201-202 for students pursuing the B.B.A. degree).
A student may also select three hours from Education 205 or 210.

Physical Education . . . . . 1 Hour
A physical education activity course is required for all degrees except the B.L.S. degree.

Writing . . . . . 7-10 Hours
Freshmen are required to complete one of three options in English composition: English 101-102, 103-104, or 105. (B.L.S. candidates may substitute Liberal Studies 100.) In addition, a student must complete satisfactorily (with a grade of C or better) one 4-hour course designated with a "W" and

designed specifically to develop writing and thinking skills. This course may be taken in any department of the College and may be used to meet other requirements as appropriate. To be eligible to enroll in a W-course, a student must have satisfied the Sophomore Writing Proficiency requirement and have junior standing.

HERITAGE PROGRAM

Heritage, an interdisciplinary humanities program designed primarily for freshmen, fulfills the following requirements:

Fine Arts	3 Hours
History	6 Hours
Literature	6 Hours
Religion	3 Hours
Philosophy	3 Hours

Students enrolled in Heritage will ordinarily take English 103-104 concurrently with it for a total of 18 credit hours. Credit is not allowed for both Heritage and History 101-102 or English 203-204.

3. Additional Requirements for Bachelor of Arts and Bachelor of Music Degrees:

Proficiency at the intermediate level (202) of a foreign language . . . . . .6-12 Hours
Philosophy . . . . . .3 Hours

4. Additional Requirements for the Bachelor of Science Degree:

Two additional one-year courses in the natural sciences to be chosen from:

Astronomy 101-102 . . . . . .8 Hours
Biology 131 and 132 or 133 . . . . . .8 Hours
Chemistry 121-122 in addition to 123-124 . . . . . .8 Hours
Geology 101-102 . . . . . .8 Hours
Mathematics 262-263 . . . . . .8 Hours
Natural Science 201-202 . . . . . .8 Hours
Physics 111-112 or 131-132 in addition to 151-152 . . . . . .8-10 Hours

The distribution of the total science requirement for the B.S. degree must include courses in three disciplines from the above list.

5. Additional Requirements for the Bachelor of Business Administration Degree:

Accounting 281-282 . . . . . .6 Hours
Business Administration 274 (or Computer Studies 105), 275, 321, 333, 334, 362 and 399 . . . . . .21 Hours
Economics 201-202 . . . . . .6 Hours
Business Administration 220 and 336 for business majors or 221 and Accounting 394 for accounting majors . . . . . .6 Hours
Business Administration 101, 393, Philosophy 311 or Religion 352 . . . . .3 Hours

At least 51 hours must be earned in courses offered by the Else School of Management and at least 51 hours must be earned outside the Else School of Management.

A grade of C or better is required in each of the B.B.A. core courses.

The B.B.A. is required for accounting and business administration majors.

Coursework at the 300-level or above may be taken only by students who have completed at least 52 semester hours.

Computer Studies 182 and Mathematics 150 are recommended electives.

6. Additional Requirements for the Bachelor of Liberal Studies Degree:

Liberal Studies 100* . . . . . .3 Hours
Philosophy . . . . . .3 Hours

Proficiency at the intermediate level in a
foreign language. . . . . 6-12 Hours
OR computer language. . . . . 9 Hours

* Satisfies three hours of the core requirement in philosophy and religion.

7. Residence Requirements:

To qualify for graduation from Millsaps, 30 of the last 36 hours of academic work must be done in residence as a degree-seeking student. The three exceptions allowed to this rule are: (1) pre-engineering dual-degree program students may transfer back as many as 31 hours, (2) students who have been approved for the prescribed pre-medical technologist program may take the last 26 hours at the affiliated institution and (3) students leaving to enter professional school may transfer back the final 26 hours of work (in this case, however, residence will be required at Millsaps for the second semester of the junior year).

8. Sophomore Writing Proficiency Requirement:

Students entering in the fall of 1989 and thereafter will be required to demonstrate proficiency in writing by a portfolio containing papers written in English 101-102, 103-104, 105, or Liberal Studies 100 and at least one piece of in-class writing and one piece of formal writing from courses taken in the sophomore year. The papers in the portfolio must be certified by the teacher of each course from which a paper is selected as representing the student's own work, written and revised under the supervision of the teacher or the Director of the Writing Program, and must be endorsed as of passing quality by the Director of the Writing Program or the Coordinator of Writing Assessment.

The sophomore writing proficiency requirement must be satisfied before a student is admitted to a W-course.

Students who are exempt from freshman composition and transfer students who received credit for freshman English elsewhere will be expected to demonstrate equivalent proficiency to the satisfaction of the Director of the Writing Program before they are admitted to a W-course. Such students are advised to consult with the Director of the Writing Program as early in their careers at Millsaps as possible to arrange for establishing a proficiency portfolio. Transfer students who are classified as juniors or seniors are expected to submit a writing proficiency portfolio in their first semester at Millsaps.

9. Majors:

In addition to taking the prescribed work for the degree, the student must major in one of the following areas: accounting, art, business administration, biology, chemistry, classics, computer studies, economics, education, English, French, geology, history, mathematics, music, philosophy, physics, political science, psychology, religion, sociology, Spanish, or theatre. For students pursuing the B.L.S. degree an interdisciplinary major is also possible with the consent of the appropriate departments.

Specific requirements for the major can be found under the appropriate department of instruction. Students may be permitted to major in a subject only after careful consideration and with the consent of the chairman of the department.

A major for each student must be approved no later than the beginning of the junior year and the proper forms submitted to the Office of Records. All work to be applied toward the major must be approved in advance by the department chairman or the student's major professor.

A student may have more than one major by completing the requirements in the departments involved.

10. Minors:

While there is no requirement that students complete a minor as a part of their degree, they may elect a minor in those departments which offer one.

Ordinarily a student must have a minimum of 12 hours in a department beyond what is used to meet degree requirements in order to qualify for a minor. A minimum of eight hours toward the minor must be taken at Millsaps. Specific requirements for a particular minor can be found under the appropriate department of instruction.

11. Comprehensive Examinations:

Before receiving a bachelor's degree the student must pass a satisfactory comprehensive examination in the major field of study. This examination is given in the senior year and is intended to cover subject matter greater in scope than a single course or series of courses. The purpose of the comprehensive examination is to coordinate the class work with independent reading and thinking in such a way as to relate the knowledge acquired and give the student a general understanding of the field which could not be acquired from individual courses.

The comprehensive examination requires at least three hours and is part written and part oral, the division of time between the two to be at the discretion of the members of the department concerned. The oral examination will be conducted by a committee composed of members of the department, and, if desired by the department, one or more members of the faculty from other departments or other qualified persons.

Students may take the comprehensive examination only if the courses in which they have credit and in which they are currently enrolled are those which fulfill the requirements in their major department. They may take the examination in the spring semester if they are within 18 hours of graduation by the end of that semester. The examination will be given in December or January for students who meet the other requirements and who will not be in residence at Millsaps during the spring semester.

The time of the comprehensive examination is given in the College calendar. Comprehensive examinations will not be given at any other time except by permission of the dean. Those who fail a comprehensive examination may have an opportunity to take another examination after the lapse of two months. Additional examinations may be taken at the discretion of the chairman of the student's major department with the consent of the dean of the college.

12. Quality Index Required:

A minimum of 240 quality points is required for the B.A., B.S., B.B.A., and B.L.S. degrees; 248 for the B.M. degree. An overall quality point index of 2.00 is required of all students. Transfer students must have at least a quality point index of 2.00 on their Millsaps work. The index is always calculated on the total number of academic hours attempted; however, an exception to the rule of hours attempted is allowed in instances where courses are repeated at Millsaps. (See Section Grades, Honors, Class Standing.)

13. Application for a Degree:

Each student who is a candidate for a degree is required to submit a written application for the degree by November 1 of the academic year of graduation. This date will apply also to students who plan to complete their work in the summer session. Forms for degree applications are to be secured and filed in the Office of Records.

14. Requirements for a Second Degree:

In order to earn a second degree from Millsaps College a student must have 30 additional semester hours of work beyond the semester hours required for the first degree, and these additional hours must include all of the requirements for both the second degree and the second major.

15. Required Sequence of Courses for All Regular Students:

Freshmen students shall enroll in the appropriate course in English composition (unless exempt by examination) and in at least one other prescribed course as listed in the Core Curriculum or the Additional Degree Requirements.

Sophomore students shall enroll in at least two prescribed courses as listed in the Core Curriculum or the Additional Degree Requirements.

Enrollment in the required language courses will begin not later than the first semester of the junior year. It is recommended that language be started in the freshman or sophomore year. Those freshmen who, by virtue of previous study, plan to satisfy the language requirement taking courses at the intermediate level only, are strongly advised to begin such courses in the freshman year while their experience in the language chosen is recent.

Pre-Medical and Pre-Dental

It is the responsibility of the pre-medical and pre-dental students to consult the catalogs of the schools to which they wish to apply for their specific requirements. The following courses are required by many medical and dental schools.

Biology 131-133 . . . . . 8 hours
Chemistry 121-122, 123-124 . . . . . 8 hours
Chemistry 231-232, 233-234 . . . . . 10 hours
Mathematics 140-145 . . . . . 6 hours
Physics 111-112 or 131-132 in addition to 151-152 . . . . . 8-10 hours

The student is urged to consult with a member of the Pre-medical Advisory Committee (Sarah Armstrong, Al Berry, Robert Kahn, Robert Nevins, and Edmond Venator) in designing a program that will fit particular needs, background and interest.

Millsaps College and the majority of medical and dental schools strongly recommend that the student obtain a baccalaureate degree in an area of interest. This catalog should be consulted elsewhere for the exact major and degree requirements. Millsaps and most medical and dental schools also strongly recommend that the student develop a sound background in the humanities and social sciences.

Some medical and dental schools will not accept credit in laboratory science courses obtained by C.L.E.P. or advanced placement tests. Students planning to obtain such credit should first consult the medical or dental schools in which they have an interest to be certain that the school will accept such credit.

Students should remember that the requirements listed in a medical or dental school catalog are minimal but that they should obtain maximum preparation. In general, the student who is weak in some science, as shown by performance in introductory college courses, is urged to take further work in that science to prepare adequately. The student should also take courses that will not be available during professional training. The following courses are recommended as electives by many medical and dental schools.

Biology 251, 215, 301, 320, 381, 383, 391
Chemistry 251-253, 264-266, 363-365, 364-366, 391-393
English
Economics and Business Administration
Foreign Language (reading knowledge)
History
Mathematics 262, 263
Philosophy
Physics 231-232, 311-312, 315, 316
Psychology 203, 307
Sociology

The Heritage Program gives the student a more flexible schedule and time to take additional courses of interest and need.

Pre-Ministerial

There is no required program of studies for persons planning to enter one of the ministries of the Church. Undergraduate pre-seminary work at Millsaps should include significant work in the study of religion and philosophy and in the behavioral sciences. A major may be chosen from several fields, including literature, philosophy, psychology, religion, and sociol-

ogy. Pre-ministerial students are urged to consult with the pre-ministerial adviser, the chairman of the Department of Religion, early in their freshman year.

Given the special challenges of the practice of ministry, students should plan to undertake professional education in a theological seminary. The best basis for such professional education is an undergraduate education with breadth in liberal arts studies.

Pre-Law

No particular major or sequence of courses is necessary for students planning to go to law school; there is no ideal pre-law program for all students. To do well in the study of law, a student should possess:

(a) ability to communicate effectively and precisely

(b) critical understanding of the human institutions with which the law deals

(c) creative power in thinking.

Different students may obtain the desired training in these three areas from different courses. Therefore, students should consult with their faculty or major advisers and with the pre-law adviser in designing a program of courses that will best fit particular needs, background, and interests. The student with a pre-law interest should consult the pre-law adviser, John Quincy Adams, or other members of the Pre-Law Advisory Committee (Peter Ward, Del Gann and Marlys Vaughn).

Pre-Social Work

Students who wish to prepare for a professional career in social work should plan a broad liberal arts program with a major in one of the social sciences, preferably sociology. Introductory courses in sociology, psychology, and social work are essential. Other courses which are strongly recommended include Social Problems, Theories of Personality, and Social Psychology. Internships can provide valuable practical experience with community social welfare agencies. Students are urged to consult with their faculty advisers to plan a schedule.

Programs for Teacher Certification

A student may prepare for teacher certification at Millsaps College in a variety of ways. Millsaps offers Teacher Education Programs which lead to certification at the elementary school level (K-8), the secondary school level (7-12), and in special areas (K-12). A student may pursue any degree offered by the College and qualify for teacher certification provided all College major requirements are met and all teacher certification requirements are met. The Teacher Education Programs offer certification in Elementary Education (K-8), Secondary Education (7-12) in Bible, English, Foreign Language, Mathematics, Science, and Social Studies, and in the special areas (K-12) Art, and Music Education. A student may also qualify for endorsements in Computer Education, Gifted Education, Health and Physical Education, or Remedial Reading. The Teacher Education Programs qualify the student for provisional teacher certification as required by the Office of Teacher Certification and the Mississippi State Board of Education. After completing a certification program at Millsaps, the student will be prepared to pass the provisional year evaluation and receive the standard Class A certificate.

Prior to being admitted to any Teacher Education Program at Millsaps College, a student shall have completed the core curriculum, achieved a minimum grade point average of 2.50, passed the Communication Skills and General Knowledge tests of the National Teacher Examination, received the written recommendation of two faculty members outside the Department of Education, and completed all application procedures with the Chair of the Department of Education. Teacher Education comprehensive examination requirements include all four components of the National Teacher Examination. (Students are requested to

have copies of their NTE scores sent directly to the Mississippi State Department of Education.) To receive the College's recommendation for teacher certification, the student must maintain the 2.5 G.P.A., pass the Professional Knowledge and Specialty Area tests of the National Teacher Examination no later than the fall semester of the senior year, and complete the Portfolio for Comprehensive Examination with the Department of Education as appropriate.

Cooperative Programs

BUSINESS ADMINISTRATION

3-2 Master's Program in Business Administration: The Else School of Management at Millsaps College offers a program permitting an undergraduate at Millsaps to pursue any non-B.B.A. degree concurrent with the M.B.A. degree. The student would complete substantially all Millsaps core and major requirements in three years and apply to the M.B.A. program in the junior year. An acceptable score on the Graduate Management Admission Test is required for admission. The baccalaureate degree would be awarded after the degree requirements are satisfied at that level, normally after the fourth year, and the masters degree after the fifth year. Twenty-six hours of graduate work may be applied toward the undergraduate degree in this program. Details of the program may be obtained from the Assistant Dean of the Else School of Management.

ENGINEERING AND APPLIED SCIENCE

This program at Millsaps offers many opportunities for the student interested in engineering, applied science, management and business administration. With this cooperative program the student can combine the advantages of a liberal education at Millsaps with the specialized programs of a major university. The Arthur C. Miller Pre-engineering Scholarship Fund provides a scholarship based on financial need and academic progress for a student expressing an interest in engineering.

3-2 B.S. Programs: At present we have arrangements with five universities – Auburn, Columbia, Georgia Tech, Vanderbilt and Washington Universities – by which a student may attend Millsaps for three years accumulating a minimum of 93 hours and then continue work at any of the schools listed above. The student then transfers a maximum of 31 hours back for a bachelor's degree from Millsaps and at the end of the fifth year receives another bachelor's degree from the university.

4-2 B.S. and M.S. Programs: The Columbia University Combined Plan also has 4-2 programs in which a student attends Millsaps for four years completing degree requirements and then spends two more years at Columbia to obtain a B.S. or M.S. degree from the Columbia School of Engineering and Applied Science.

3-3 B.S.-M.S. and **B.S.-M.B.A. Programs:** Washington University also has a Combined Degree Program wherein the student spends three years at Millsaps as in the 3-2 program, but then spends three years at Washington University earning both the B.S. and M.S. from the School of Engineering and Applied Science or both the B.S. from the School of Engineering and Applied Science and the M.B.A. from the Graduate School of Business Administration.

A wide variety of programs are offered by the five participating universities, including financial aid for qualified students. For detailed descriptions of programs and financial aid the interested student is urged to consult with the Pre-engineering Advisor, Asif Khandker. To be admitted to the programs listed below the student must fulfill certain minimum course requirements at Millsaps. For many programs, particularly those in engineering and applied science, the mathematics requirements are strict. To keep the 3-2 or 4-2 option viable, a student should plan to take calculus at the earliest possible time at Millsaps.

For students interested in engineering, the general expectation of the cooperating engineering schools is that most, if not all, of the science, mathematics and humanities requirements for the engineering degree be taken at Millsaps. Students interested in a particular program, however, should consult the catalog of the appropriate university and the Millsaps pre-engineering advisor. Some programs have particular requirements, such as the Auburn

University electrical engineering requirement of an ethics course, which students might wish to fulfill at Millsaps.

The Dual Degree Program at Auburn University includes bachelor of engineering degrees in aerospace, chemical, civil, electrical, industrial, materials and mechanical engineering. It is also possible to obtain a B.S. in agricultural engineering.

The Combined Plan Program at Columbia University offers B.S. and M.S. degrees in civil, electrical, industrial, mechanical, mining, nuclear, biological, chemical, metallurgical and mineral engineering. Other programs include computer science, engineering mechanics, applied mathematics (B.S. only), applied physics, materials science, operations research, solid state science (M.S. only), chemical metallurgy, applied chemistry and materials science.

The Dual Degree Program at the Georgia Institute of Technology offers degrees in aerospace, ceramic, chemical, civil, electrical, industrial, mechanical, nuclear, and textile engineering. Other programs include engineering science and mechanics, textile chemistry, textiles, health physics, economics, management, management science, applied biology, applied mathematics, applied physics, applied psychology, chemistry, information and computer science, and physics.

Vanderbilt University offers bachelor of engineering degrees in chemical, civil, electrical and mechanical engineering.

Washington University offers B.S. and M.S. programs in chemical, civil, electrical and mechanical engineering. Other programs include computer science, engineering and public policy, systems science and engineering, and business administration (M.B.A.)

MEDICAL TECHNOLOGY

Millsaps College offers a three-year program for those who plan to enter schools of medical technology. This college work includes not only the necessary science and mathematics courses, but also courses in history, fine arts, sociology, composition, literature, and other subjects which ensure a liberal arts experience for pre-medical technology students.

Millsaps College maintains a formal affiliation with several schools of medical technology which are approved by the Council on Medical Education and Hospitals of the American Medical Association. This is the only qualifying board recognized by the American Medical Association, the American Society of Clinical Pathologists, the American College of Surgeons, the American Hospital Association, and other authoritative medical groups.

The medical technology student is expected to spend the first three years at Millsaps College (or transfer here from another recognized college, with at least the third year spent in residence here) and the senior year at the approved hospital. The student must complete the general requirements for the B.S. degree with a major in biology.

Students enrolled in affiliated schools of medical technology may transfer back the final 26 hours of work. The courses required for registry are accepted as completing the requirements of 124 semester hours for graduation. The B.S. degree is awarded at the first commencement exercise following the completion of the medical technology training.

Medical technology students are encouraged to secure the B.S. or B.A. degree before entering an approved school of medical technology.

MILITARY SCIENCE

A Military Science program is offered on the campus of Jackson State University under a cross-enrollment agreement between Millsaps College, Jackson State University, and the U.S. Army. Students enrolled at Millsaps are eligible to enroll and attend Reserve Officer Training Corps (ROTC) classes on the campus of Jackson State University. Credits earned in ROTC will be entered onto the student's transcript but will not be counted towards Millsaps graduation requirements.

ROTC provides male and female students an opportunity to earn a commission as a Second Lieutenant (2LT) in the U.S. Army, the U.S. Army Reserves, or the Army National Guard, concurrent with the pursuit of an academic degree. The objectives of the program are:

(1) To provide an understanding of how the U.S. Army, U.S. Army Reserves, and Army National Guard fit into our national defense structure.

(2) To develop the leadership and managerial potential of students needed to facilitate their future performance as officers.

(3) To develop student abilities to think creatively and to speak and to write effectively.

(4) To encourage the development of mental and moral standards that are essential to military service.

The program of instruction includes developing self-discipline, physical stamina and other qualities necessary for leadership.

The ROTC Program is divided into a basic course of instruction (freshman and sophomore classes) and an advanced course of instruction (junior and senior classes). In addition to the course of instruction, students are required to attend a leadership laboratory in conjunction with all ROTC courses.

There is no charge for enrolling in the ROTC program; however, cadets must be full-time undergraduate students (12 semester hours or more) or full-time graduate students (9 semester hours or more) before enrollment in ROTC. Books, equipment, and uniforms are free of charge to the students. Three- and two-year ROTC scholarships are also awarded on a competitive basis.

Description of Courses

MS 101. Fundamentals of Leadership and Management I. An introduction to the U.S. Army and the Reserve Officers' Training Corps (1 semester hour).

MS 102. Fundamentals of Leadership and Management II. A study of military first aid tasks and procedures (1 semester hour).

MS 201. Applied Leadership and Management I. A study of Nuclear, Biological and Chemical Weapons, Tactical Operations and Leadership (2 semester hours).

MS 202. Applied Leadership and Management II. An introductory study of land navigation and Army training management (2 semester hours).

MS 301. Advanced Leadership and Management I. A study of the functional approach to leadership, land navigation, and military communication systems (3 semester hours).

MS 302. Advanced Leadership and Management II. A study of combat operations and military tactics (3 semester hours).

MS 401. Seminar in Leadership and Management. A study of staff procedures with emphasis on oral and written communication (3 semester hours).

MS 402. Theory and Dynamics of the Military Team. A study of the military aspects of Ethics and Professionalism, Military Justice, and the Law of War (3 semester hours).

Special Programs

Ford Fellows Program

The Ford Fellows Program provides an opportunity for upperclass students with an interest in college teaching to work closely with a faculty member in their area of academic interest. The program provides opportunities for research and scholarship as well as primary teaching experience under faculty supervision. Students must submit an application jointly with the faculty member with whom they will be working to the program director early in the spring semester. Approximately twelve students are selected each year for participation in this program.

The Honors Program

The Honors Program provides an opportunity for students of outstanding ability to pursue an advanced course of study which would ordinarily not be available. In the spring of their junior year and the fall of their senior year, honors students carry out a research project of their choice under a professor's direction. The project's final product, consisting wholly or partially of a written thesis, is presented before a panel of faculty members. In the spring of the senior year, students participate in an interdisciplinary colloquium which intensively examines a topic of broad interest. Students successfully completing all phases of the Honors Program receive the designation "with honors" in their field of honors work at graduation. Stu-

dents interested in participating in the Honors Program should consult with the director of the Honors Program in the fall of their junior year.

The Washington Semester

"The Washington Semester" is a joint arrangement between The American University, Washington, D.C., Millsaps College, and other colleges and universities in the United States to extend the resources of the national capital to superior students in the field of the social sciences. The object is to provide a direct contact with the work of governmental departments and other national and international agencies that are located in Washington, thus acquainting the students with possible careers in public service and imparting a knowledge of government in action.

Under this arrangement qualified students of demonstrated capacity from the participating colleges will spend a semester at the School of Government and Public Administration of The American University in Washington. They earn 16 hours of credit toward graduation in their home colleges. Eight hours are earned in a Conference Seminar, in which high-ranking leaders of politics and government meet with students. Four hours are earned in a research course which entails the writing of a paper by utilizing the sources available only at the nation's capital. And four hours are earned in an Internship, in which the student is placed in a government or public interest organization office. In Washington the program is coordinated by faculty members of The American University.

Millsaps has a guaranteed quota of two students for each spring semester, although students may petition for entry in the fall. Second semester sophomores, juniors, or seniors are eligible.

The student remains an enrollee of Millsaps College for the purpose of scholarships and loans, which are thus not diminished by participation in the program.

School of Management Intern Programs

Students have the opportunity of obtaining specialized training and practical experience through an established Internship Program. The program involves prominent regional and national business organizations and agencies of the state government. The student's training is conducted and supervised by competent management personnel according to a predetermined agenda of activities. Evaluation of the student's participation and progress provides the basis for granting appropriate academic credit. See offerings 451-452 in the Else School of Management.

Summer Program in London

The Else School of Management offers a six-weeks summer program in London which studies the global dimension of the business world. The program has focused its study on the new Europe in recent years and a variety of field trips and guest speakers are integrated into the courses. Either three or six hours can be earned in this program.

British Studies at Oxford

Millsaps College, through membership in the Associated Colleges of the South, sponsors a six-week intensive summer program at Oxford University in England. It enables students to study a particular period of British history in a thoroughly integrated way and in a milieu which affords an incomparable opportunity to benefit from the experience. Up to six hours of credit may be earned through this program. Limited financial aid is available.

Study Abroad Programs

Millsaps College maintains cooperative arrangements with the Institute of European Studies and the Institute of East Asian Studies, which maintain programs in seven different countries. Students with a special interest in classics should consider the Intercollegiate Center for Classical Studies in Rome and the College Year in Athens Program, both of which offer semester programs in the classical languages combined with archeological site and museum study during the regular academic year. The American Academy in Rome and the American School of Classical Studies in Athens offer summer programs in classical art and archeology. Other study abroad programs are available in most countries of Western Europe as well as in Latin America. Students interested in receiving college credit for such study

may receive information concerning these programs from the chairman of the appropriate department or from Dr. Patrick Delana, Coordinator for Study Abroad.

Legislative Intern Program

When the Mississippi Legislature is in session, selected political science students may participate in an internship program which permits them to observe the state law-making process. Students serve as aides to legislators and legislative committees, performing a variety of tasks such as research, writing, and marking up bills. Students also take part in a seminar with other interns to examine the legislative process. See Political Science 452.

Public Administration Internship

With the cooperation of city, state, and federal agencies, students who have had the introductory public administration course may be placed in middle management level positions.

The Office of Adult Learning

The Office of Adult Learning coordinates and administers services to adult learners. Among these are the Adult Degree Program, the Community Enrichment Series, Leadership Seminars in the Humanities, Advanced Placement Institutes, the admission of special students and admission to the Summer Session.

The Adult Degree Program

The Adult Degree Program was established in 1982 to meet the needs of adults 24 years of age and older who, because of work or family responsibilities, cannot attend college in the traditional way. Students admitted to the Adult Degree Program are candidates for the Bachelor of Liberal Studies degree.

This program features individualized academic advising, a required introductory seminar for adults returning to college, evaluation of previous college work, credit for prior learning, and the opportunity for independent directed study. Students in the Adult Degree Program may elect to major in one of the traditional disciplines or they may choose to design an interdisciplinary major.

In addition to its academic programs, Millsaps provides a variety of special services for adult students. These include career planning and placement assistance, financial aid, information sessions, and newsletters.

For further information about the Adult Degree Program, see the Guidelines and Procedures Handbook.

Community Enrichment Series

Since 1972, Millsaps College has offered to the Greater Jackson community a variety of opportunities through the Community Enrichment Series. These are non-credit courses which require no prerequisites and no examinations. They cover a variety of special interest areas such as, "Writing for Magazines," "Understanding the Stock Market," "Computer Basics," "Assertiveness Training," "Landscape Gardening," and "Pottery." Enrichment courses are available in the fall, winter and spring each year.

Leadership Seminars in the Humanities

Established in 1987 and made possible in part by a grant from the National Endowment for the Humanities, Leadership Seminars in the Humanities bring together Millsaps professors in the Humanities with corporate and professional leaders in the community. These seminars offer an opportunity for serious engagement with intellectual issues affecting society and the individual. Fifteen participants may be selected for each seminar.

Advanced Placement Institutes

Advanced Placement Institutes are offered each summer. Designed for teachers who teach Advanced Placement courses to selected high school students, these Institutes are taught by instructors recommended by The College Board. Participants work with these master teachers to plan and prepare courses that will help students to become well pre-

pared for college courses and to perform creditably on the Advanced Placement Examinations.

The Graduate Program

Master of Business Administration

The Master of Business Administration (M.B.A.) degree is offered in both daytime and evening classes. The Millsaps M.B.A. program is particularly suited for those students with a liberal arts background. A typical class includes men and women with a broad range of ages, and with backgrounds from engineering, the physical and social sciences, the arts and the humanities as well as from business. The following foundation courses may be taken at the undergraduate level: Accounting 281-282; Business Administration 220, 274, 275, 321, 333, 334, 336, 362; and Economics 201-202.

For further information about the MBA Program, see the Graduate Catalog.

Administration of the Curriculum

1991-92

Grades, Honors, Class Standing

The grade in any class is determined by the combined class standing and a written examination. The examination is approximately one-third of the grade for the semester.

"A" represents superior work.
"B" represents above the average achievement.
"C" represents an average level of achievement.
"D" represents a level of achievement in the regularly prescribed work of the class below the average in the same relationship as "B" is above the grade.
"E" represents a condition and is changed to a "D" if the grade in the other semester of the course is "C" or above, providing that the "E" precedes the higher grade on the student's record.
"F" represents failure to do the regularly prescribed work of the class. All marks of "D" and above are passing marks and "F" represents failure.
"WP" indicates that the student has withdrawn from the course while passing, and "WF" means withdrawal while failing.
"I" indicates that the work is incomplete and is changed to "F" if the work is not completed by the end of the following semester.
"CR" represents passing work in a non-graded course taken for hourly credit (not computed in G.P.A.).
"NC" represents no credit in a non-graded course taken for hourly credit (not computed in G.P.A.).

Quality Points

The completion of any academic course with a D shall entitle a student to one quality point for each semester hour; a grade of C for the semester shall entitle a student to two quality points for each semester hour; a grade of B for the semester shall entitle a student to three quality points for each semester hour, and a grade of A shall entitle a student to four quality points for each semester hour. A quality point index is determined by dividing the total number of quality points by the number of academic hours taken. The change from a 3.00 to a 4.00 quality point index was made in 1968.

Class Standing

The following number of hours and quality points is required:

For sophomore rating	.24 hours;	24 quality points
For junior rating	.52 hours;	72 quality points
For senior rating	.90 hours;	144 quality points

A student's classification for the entire year is his/her status at the beginning of the fall semester.

Student Status

Degree-seeking students taking 12 or more academic hours will be classified as full-time students. Students taking fewer than 12 academic hours may not represent the college in extracurricular activities.

Degree-seeking students taking fewer than 12 academic hours will be classified as part-time students.

A special student is a mature person of ability and seriousness of purpose who enrolls for limited academic work and does not plan to seek a degree. The category of "special student" is not intended to include recent high school graduates. Special students observe the same regulations concerning attendance, examination and proficiency as regular students.

Credit/No Credit Grade Option

Some courses have been approved to be graded either by letter grade or by credit/no credit grading. The purpose of credit/no credit grading is to encourage students to take courses in areas they might not otherwise select. Credit/no credit grading requires full participation of the student in all class activities. Credit signifies work of passing quality or above. It will not carry quality points nor be included in the G.P.A. Students are reminded that (except for certain internship programs) courses graded by the credit/no credit option do not count

toward fulfilling the 120 (124 for the B. M. degree) letter-graded hours requirement and cannot be used to fulfill core requirements or major requirements.

When grade option is available, it will be incumbent upon the student to make the choice at the time of registration. Any change in grading option must be made within the drop-add period. (Exception: Theatre activity may be added later with appropriate approval.)

Repeat Courses

A student may enroll in a course at Millsaps which has previously been taken. In such a case the highest grade earned in that course will be used in determining the cumulative quality point average. A course may only be repeated for a higher grade at Millsaps. If a course previously taken at Millsaps is repeated at another school, the Millsaps grade, whether higher or lower will be used in determining the cumulative quality point average. All grades reported for the course remain a part of the permanent record.

Graduation With Distinction

A student whose quality point index is 3.2 for the entire course shall be graduated Cum Laude; one whose quality point index is 3.6 shall be graduated Magna Cum Laude; and one whose quality point index is 3.9 and who has a rating of excellent on the comprehensive examination shall be graduated Summa Cum Laude.

To be eligible for graduation Cum Laude, Magna Cum Laude or Summa Cum Laude, a student must have passed at least 60 academic semester hours in Millsaps College. Distinction or special distinction may be refused a student who, in the judgment of the faculty, has forfeited the right.

In determining eligibility for distinction or special distinction for students who have not done all their college work at Millsaps, the quality points earned on the basis of grades made at other institutions will be considered, but students will be considered eligible only if they have the required index both on the work done at Millsaps and on college courses as a whole.

Graduation With Honors

A full-time student with junior standing who has an overall quality point index of 3.0 may apply to the department chairman for permission to declare as a candidate for honors. Admission requires acceptance by the chairman and approval by the Honors Council. Entrance into the Honors Program becomes effective in the spring semester of the junior year.

Election to Phi Beta Kappa

The Phi Beta Kappa chapter at Millsaps elects members from the graduating class each spring. To be considered for election to membership in Phi Beta Kappa, a student must meet the following criteria:

1. Completion of requirements for a BA, BS or BLS degree with a liberal arts or sciences major.
2. A minimum of six semesters at Millsaps.
3. A year of college level mathematics and two years of a foreign language (or the equivalent as demonstrated by proficiency at the intermediate level).
4. A minimum cumulative grade point average of 3.6 based on seven or more semesters. (Grades earned in applied or professional work are not counted in computing GPA for the purpose of election to Phi Beta Kappa.)

No more than 10 percent of the liberal arts and sciences graduates may be elected to membership from a graduating class.

Honors Program

The Honors Program extends over three semesters. A student admitted to the program will in the second semester of the junior year enroll in a directed study entitled Honors Research I. Work begun at that time will ordinarily be completed in the fall semester of the senior year when the student will be enrolled in Honors Research II. A letter grade will be given for each of these courses. The two semesters of research are intended to culminate in an honors project presented to the Honors Council and defended before an examining board.

The last semester in the Honors Program consists of an Honors Colloquium designed to bring together for intellectual exchange all students in the Honors Program. The aim of the Honors Colloquium is the total involvement of good minds in the exchange of ideas and values centering around selected themes and areas of investigation of mutual interest to all disciplines. The Honors Colloquium is required of all students in the Honors Program.

A candidate who completes the colloquium satisfactorily, who presents and defends the honors project satisfactorily, who has a 3.0 overall quality point index, and who has a 3.33 index in honors work will be graduated with Honors.

A student may voluntarily withdraw candidacy for honors at any time. Students enrolled in honors courses are, however, bound by the general college rules for dropping a course and for receiving course credit. Candidacy may be involuntarily terminated upon the recommendation of the honors advisor and with the approval of the Honors Council.

Dean's List

Those meeting these requirements are on the Dean's List:

1. Scholarship:
   (a) The student must carry not less than 12 academic hours during the semester on which the scholastic average is based.
   (b) The student must have a quality point average of 3.2 for that semester.
   (c) The student must have no mark lower than a C for that semester.
2. Conduct:
   The student must be, in the judgment of the dean, a good citizen of the college community.

Hours Permitted

Fifteen academic semester hours is considered the normal load per semester.

Students may not take more than 17 semester hours of academic work unless they have a quality index of 2.5 on the last semester. No student may take more than 19 semester hours without a quality point index of 3.00 on the last semester and permission from the dean. No student may receive credit for more than 21 hours in a semester under any circumstances. In order to be classified as a full-time student, one must take no fewer than 12 semester hours, unless a graduating senior.

Administrative Regulations

Schedule Changes

A freshman may not enroll for more than eight hours of laboratory science courses in any one semester except upon the recommendation of the student's adviser.

No student can be registered for courses in another college while being enrolled at Millsaps without the written permission of the dean of the college or the associate dean of the college.

A student cannot change classes, drop classes or take up new classes except by the consent of the faculty adviser. Courses dropped within the first two weeks of a semester do not appear on the student's record. Courses dropped after the first two weeks and no later than one week after the reporting date for mid-semester grades are recorded as W.P. (withdrawn passing) or W.F. (withdrawn failing). Courses dropped after this time are recorded as F. Students who drop a course without securing the required approvals will receive an F.

Withdrawal

A student desiring to withdraw within any term must obtain permission from the dean or associate dean of the college and file a withdrawal card. No refund will be considered unless this written notice is procured and presented to the Business Office.

Refunds will be made only as outlined under Financial Regulations.

A student who withdraws with permission after the first two weeks of a semester is recorded as W.P. (withdrawn passing) or W.F. (withdrawn failing) in each course. A student who withdraws without permission receives a grade of F in each course.

Enforced withdrawal may result from habitual delinquency in class, or any other circumstance which prevents the student from fulfilling the purpose of college.

The college reserves the right to cancel the registration of any student. In such a case, the pro rata portion of tuition will be returned, except that students withdrawing under discipline forfeit the right to a refund.

No student who withdraws is entitled to a grade report or to a transcript of credits until all accounts are settled in the Business Office.

Academic Suspension

For full-time students entering the college as freshmen, it is necessary to pass in the first semester six hours of academic work in order to remain in college. Thereafter a full-time student must pass nine hours of academic work to be eligible to continue in college. Furthermore, the maximum number of semesters a student may be on academic probation without suspension is two.

Students who are requested not to re-enter because of academic failure may petition in writing for re-admission, but such petition will not be granted unless convincing evidence is presented that the failure was due to unusual causes of a non-recurring nature and that the student will maintain a satisfactory record during the subsequent semester. However, such a student may attend the summer session at Millsaps without a petition.

Academic Probation

Students who pass enough work to remain, but make in any semester a quality index of less than 1.5 will be placed on probation. Restricted attendance privileges apply for all courses in which students are enrolled.

Students may be removed from probation by making a 2.00 quality index during a regular semester or during a summer session at Millsaps College in which the student is enrolled for at least 12 academic hours credit. A student on academic probation for two semesters is asked not to re-enroll at Millsaps College.

Unsatisfactory Academic Progress

A part-time student who makes a quality index of less than 1.5 in any semester will be notified that he or she is making unsatisfactory academic progress. To be removed from that classification the student must make a 2.0 quality index during a regular semester or summer session.

Class Attendance

Irregular attendance indicates that the student may be having difficulties adjusting to the course or to college. The primary responsibility for counseling students with respect to their absence rests with the faculty member; but, in the following circumstances, the faculty member is expected to report in writing the student's unsatisfactory attendance record to the Office of Records.

1. For a freshman—whenever the total absences are equal to twice the number of class meetings per week.
2. For any student—after three successive absences for reasons unknown to the instructor, or when in danger of failing the course.

This reporting of absences is for counseling purposes only, and has no effect on the student's grade.

Individual faculty members decide the manner and extent to which absences alone will affect a student's grade. Each faculty member is expected to outline the policy in writing to each class at the beginning of the semester. This may extend to dismissal from the course with a grade of "F" for reasons solely of absence.

Absences are excusable only by the individual faculty member, but an excused absence does not excuse the student from being responsible for the course work. Explanation for a student's absence provided by a parent, medical doctor, or a member of the faculty or

administration may be helpful to the faculty member, but such explanations are not in themselves excuses. This is particularly important in the case of absences involving missed examinations, late assignments, laboratory sessions and similar scheduled commitments. Faculty members, however, may not excuse students from attendance on the two days preceding and the two days following vacation periods without the express permission of the dean.

Each student is responsible for knowing general attendance policy of the college and the particular policies operative in each class. Further details relating to attendance are in the student handbook.

Permission to make up an examination or alter the time for an examination may be granted only through the vice president and dean of the college. Any special examination, if granted, must be held no later than the sixth week of the next regular semester.

A student who has been excluded from a course by recommendation of the instructor may petition the vice president and dean of the college within one week for the privilege of a reinstatement examination. This examination, to be prepared and administered by the instructor, shall cover the work of the course up to that date. Re-entry shall depend upon the examination results. If a student does not petition for re-entry, or if the re-entry is denied, the grade shall be recorded as F.

Exemptions

Students may elect to be exempt from final examinations in the semester in which they complete their comprehensive examinations, but only in those courses in which they have a C average or better. It shall be understood, however, that this exemption does not ensure the student a final grade of C, since daily grades during the last two weeks shall count in the final average. Under no circumstances may a student be exempt from any examination in more than one term or sernester.

Students may be exempt from final examinations only in the semester in which they complete their comprehensive, scholastic requirements being met.

Seniors may be allowed one special examination in any subject taken and failed in the senior year. Permission for such examination must be secured from the dean or associate dean of the college. Students may request exemption from other requirements by petition to the dean of the college.

Honor in an Academic Community

Millsaps College is an academic community where men and women pursue a life of scholarly inquiry and intellectual growth. The foundation of this community is a spirit of personal honesty and mutual trust. In order to maintain trust between members of the College, faculty and students must adhere to these basic ethical principles. Honor within an academic community is not simply a matter of rules and procedures; it is an opportunity to put personal responsibility and integrity into action. When students accept the implicit bond of honor of an academic community, they liberate themselves to pursue their academic goals in an atmosphere of mutual confidence and respect.

Student Behavior

The College has the responsibility and authority to establish standards for scholarship, student conduct and campus life. Therefore, it cannot condone violations of local, state or federal laws or conduct detrimental to students or to the College. Students, as adults, are presumed to know the law as to illegal conduct prohibited by municipal, state or federal law and are governed thereby.

Millsaps students are expected to act with honesty and integrity in personal, social and academic relationships and with consideration and concern for the community, its members and its property.

Millsaps requires from every student sober, decorus and upright conduct as long as he/she remains a member of the college community, whether he or she be within its precincts or not. No individual or group should cause serious discomfort or injury to others or to the community. This will include such acts as obstruction or disruption of teaching, research, administration or other collegiate activities and unauthorized entry to or use of college facilities.

The College expects students to be concerned with the physical and psychological well-being of others and cannot condone behavior which exploits another individual. Students and organizations are expected to comply with rules governing the academic, social, and residential life of the College. They are expected to comply with directions of college officials. Students are also responsible for the behavior of their guests while on Millsaps property and/or at Millsaps functions.

Alcoholic Beverages

The Trustees and administration are fully committed to the spirit of the United Methodist Church and are equally committed to comply with the laws of the state of Mississippi regarding the consumption of alcoholic beverages, (which shall include, but not be limited to, light wine and beer) on the Millsaps College campus. It is the position of the college that the use of alcoholic beverages is not a part of, nor does it contribute to, the total educational emphasis of Millsaps College and to the full and abundant life that God wills for each person.

The College expects students to comply with the laws of the State of Mississippi and the college regulations relating to alcoholic beverages and to accept responsibility for their behavior as members of the College Community. The College does not condone the illegal possession, use, distribution or sale of alcoholic beverages.

A student may consume alcoholic beverages only within the privacy of his or her room whether in the residence hall or in the fraternity/sorority facilities and only in accordance with the state law which prohibits the drinking of alcoholic beverages for those under 21 years of age. Regardless of age and state law requirements, no student is allowed to consume alcoholic beverages outside the confines of a student's room.

Fraternity and sorority facilities are subject to all applicable state laws and city ordinances. The display, serving, consumption, or any other use of alcoholic beverages is prohibited in public areas which include the lounges, porches, yards, grounds and other external structures of such facilities.

Consumption of alcoholic beverages for those of age in a student's room in the residence hall or fraternity/sorority facilities must never result in irresponsible behavior or contribute to an environment not conducive to the realization of the primary goals and aims of the College.

The possession and consumption of alcoholic beverages are not permitted in any public area on the campus. This includes all public areas on the campus. Public areas are defined as any area outside of the student's private room.

Complete regulations governing the use of alcoholic beverages on campus and at off-campus functions may be found in the current ***Major Facts,*** the student handbook.

The use, possession or distribution of narcotics or dangerous drugs such as marijuana, except as expressly allowed by law, is not permitted. Gambling is not permitted on campus.

Disciplinary Regulations

Students guilty of serious infractions of college regulations may be placed on social probation, disciplinary probation, suspension or expulsion at the discretion of the Judicial Council, the dean of student affairs or the president of the college dependent upon the original jurisdiction. Cases involving a recommendation of suspension or expulsion are automatically appealable to the president of the college.

Social Probation

Social probation is a warning to a student regarding conduct standards. Its primary purpose is to serve as a period of time in which a student is asked to prove responsibility to himself/herself and the College.

When a student is placed on social probation he/she is prohibited from participating in extracurricular campus activities such as fraternity/sorority social activities, intramural and varsity sports. In addition a student may hold no office of campus leadership.

When an organization is placed on social probation the organization may not sponsor social activities in the name of the organization for the period of the social probation.

Disciplinary Probation

Disciplinary probation is the most serious penalty, short of suspension and expulsion, that can be incurred by a student. During a period of disciplinary probation any further infraction of college regulations will render the student liable to suspension.

Disciplinary Suspension and Disciplinary Expulsion

Suspension is a decision to temporarily separate a student from the college.

Expulsion is a decision to permanently separate a student from the college.

When a student is placed on disciplinary probation, suspended or expelled, parents are notified and asked to come to the campus for a conference with the President and the dean of student affairs.

A more comprehensive statement of college policy regarding student behavior is contained in the student handbook. Specific regulations pertaining to residence halls and other facets of campus life are available through the Office of Student Affairs.

Departments of Instruction

1991-92

Academic Divisions

The academic program of the college is organized into six academic divisions, including the Else School of Management. These divisions are: Fine Arts, Humanities, Language and Literature, Science and Mathematics, Social and Behavioral Sciences, and the School of Management. Within these divisions are the academic departments and programs through which the curriculum of the college is administered.

Course offerings, together with major and minor requirements, are listed by department and division. Interdisciplinary courses are listed under a separate heading. Departmental listings can be found on the following pages:

	page
Accounting	102
Art	59
Biology	79
Business Administration	103
Chemistry	81
Classical Studies	66
Computer Studies	83
Economics	104
Education	91
English	74
Geology	85
History	67
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Mathematics	86
Modern Languages	74
Music	61
Philosophy	69
Physics and Astronomy	88
Political Science	94
Psychology	95
Religion	70
Sociology and Anthropology	97
Theatre	64

Explanation of Numbers and Symbols

Courses 101-199	Primarily for freshmen.
Courses 201-299	Primarily for sophomores.
Courses 301-499	Limited to juniors and seniors or those meeting the necessary prerequisites.
Courses 501-699	Graduate courses.

Courses represented by odd numbers are normally taught during the fall semester; even-numbered courses, during the spring semester. "S" indicates courses offered in summer only. Courses numbered with a 98 represent credit for prior learning in The Adult Degree Program. Courses numbered with a 99 represent independent directed studies in the Adult Degree Program.

Fine Arts

ART

Associate Professors: **JACK D. AGRICOLA, Ph. D., Chair**
LUCY WEBB MILLSAPS, M.A.

Assistant Professor: **ELISE L. SMITH, Ph.D.**

Requirements for Major: An art major must take a design sequence, Art 101-102; a drawing sequence, Art 104-105; a two semester art history survey course, Art 290-291; and a two semester course culminating in a senior exhibition, Art 420-421. Additionally, the art major must complete 18 hours of studio art, an art history course in a specific period and aesthetics, Philosophy 321.

An art major may concentrate in art history by taking, in place of the courses listed above, a two semester art history survey course, Art 290-291; six upper-level art history courses; two studio courses; Aesthetics, Phil 321; and a one-semester senior project, Art 420.

Requirements for Art Minor: A student may elect a minor by completing 12 hours of art courses in addition to either 101-102 or 104-105.

Requirements for Art History Minor: A student may elect a minor by completing 12 hours of art history courses in addition to 290-291.

STUDIO ART

101. Two-dimensional Design (3). An introduction to the elements and organizational principles of art, including color theory. Emphasis on two-dimensional design.

102. Three-dimensional Design (3). An introduction to the principles of art specifically relating to volume and space. Emphasis on three-dimensional design.

104. Beginning Drawing (3). An introduction to drawing using lines and tones to model still life objects, landscapes, the skeleton and the figure.

105. Intermediate Drawing (3). A continuation of the above course using pen and ink, wash and conte crayon. Prerequisite: Art 104.

206. Advanced Drawing (3). Advanced problems employing various mixed-media techniques. Prerequisite: Art 104, 105.

210. Beginning Painting (3). Offers technical training in the use of materials and in the basics of color and composition. In approach, the course attempts to acquaint the student with the world beyond the studio and the work of artists past and present.

211. Intermediate Painting (3). A continuation of the above course. This course attempts to establish in students the habit of questioning themselves and their work and a commitment to constant exploration and experimentation. Prerequisite: Art 210.

312. Advanced Painting (3). Concentrates on major contemporary themes and issues in the medium. Prerequisite: Art 210, 211.

220. Beginning Ceramics (3). Introduces students to fundamental handbuilding techniques and glazing with an emphasis on form and function.

221. Intermediate Ceramics (3). A continuation of the above course, it introduces students to wheel throwing techniques and to colored slips with an emphasis on the cylindrical form. Prerequisite: Art 220.

322. Advanced Ceramics (3). A continuation of previously taught handbuilding and wheel throwing techniques and introduction to glaze formulation and kiln building. Prerequisite: Art 220, 221.

230. Beginning Printmaking (3). An introduction to relief printing techniques with an emphasis on woodcuts. Prerequisite: 104 or consent of instructor.

231. Intermediate Printmaking (3). An introduction to intaglio printing techniques. Prerequisite: Art 230.

332. Advanced Printmaking (3). Examines areas of personal involvement. Prerequisite: Art 231.

240. Beginning Sculpture (3). Offers instruction in both traditional and the more experimental sculptural modes.

241. Intermediate Sculpture (3). A continuation of the above course, it explores experimental methodologies including such forms as events, performances and documentation. Prerequisite: Art 240.

250. Beginning Photography (3). Explores the camera as a tool for self-expression while teaching fundamental dark room procedures.

251. Intermediate Photography (3). Offers an opportunity to develop skills in the uses of photography and to gain an historical and critical understanding of the field with a concentration on subject and content rather than technique. Prerequisite: Art 250.

305. Lettering (3). Introduces basic letter forms and the art of calligraphy and examines their use as a visual element in design.

350. Commercial Imagery (3). Investigates the union of image and language to meet commercial and artistic ends. Prerequisite: Art 251 or consent of instructor.

ART HISTORY

290. A Survey of Western Art History I (3). Traces the development of western art from Prehistoric times through the Late Gothic period.

291. A Survey of Western Art History II (3). Traces the development of western art from the Italian Renaissance through the Twentieth Century.

270. Greek Art and Archaeology (3). Focuses on the changing vision of the world and human experience in ancient art and the forms and techniques which artists evolved to represent that vision. (Same as Classical Studies 240.)

280. Roman Art and Archaeology (3). Focuses on the changing vision of the world and human experience in Roman art and the forms and techniques artists evolved to represent that vision. (Same as Classical Studies 250.)

293. Northern Renaissance Art (3). Examines art of the 15th and 16th centuries in Northern Europe.

294. Italian Renaissance Art (3). Examines art of the 14th through 16th centuries in Italy.

295. Baroque Art (3). Examines European art of the 17th century.

296. Eighteenth and Nineteenth Century Art (3). Examines European art of the 18th and 19th centuries.

297. Modern European Art (3). Examines major modern European movements in art.

298. American Art of the Twentieth Century (3). Examines the role of American art beginning with the Armory Show of 1913 and concluding with contemporary issues.

GENERAL

401. Museumship (3). A course offered in cooperation with the Mississippi Museum of Art in which students develop a working knowledge of a museum. Prerequisite: consent of instructor.

405-406. Independent Study (1-3 — 1-3). Open only to approved students.

410. Art Internship (3). A course in which a student works with a local business firm or craftsperson and under the supervision of the Art Department. Prerequisite: consent of instructor.

411. Special Topics.

420-421. Senior Project (3-3). A course in which the senior produces a body of work to be evaluated for his or her graduation. This work is the source for the senior exhibition. It is understood that the department will retain a work from the exhibit.

MUSIC

Professor:	**JONATHAN M. SWEAT, A.Mus.D., Chair**
Associate Professors:	**McCARRELL L. AYERS, M.M.** **TIMOTHY C. COKER, Ph.D.** **DONALD D. KILMER, M.M.** **FRANCIS E. POLANSKI, M.M.**
Assistant Professor:	**HARRYLYN SALLIS, M.M.**
Instructor:	**CHERYL W. COKER, M.M.**

Requirements for Major: Students majoring in music may apply for either the Bachelor of Music or the Bachelor of Arts degree.

Bachelor of Music: The degree of Bachelor of Music with a performance major in piano, voice, organ, or in choral music education may be earned. The minimum credit requirement for the performance major is 128 semester hours, for the choral music education major, 135 hours. Performance major candidates are required to give a full recital in each of their final two years of study. Music Education majors are required to give a full recital in their senior year. An upper divisional examination in the student's performance area is required at the end of the sophomore year. This examination is not usually taken until the student is either enrolled in or has completed Theory 202. All candidates must complete Mus 101-102, Mus 201-202, Music 303, Mus 251-252, Mus 381-382, and Mus 341-342. Performance majors must also complete Mus 304. A comprehensive examination is required during the senior year. Each candidate must be registered for choir or another large ensemble each semester until graduation.

Bachelor of Arts: The degree of Bachelor of Arts with a major in piano, organ, voice, or church music may be earned. An upper divisional examination in the student's performance area is required at the end of the sophomore year. This examination is not usually taken until the student is either enrolled in or has completed Theory 202. A senior recital is required and must be given while the student is registered for senior level applied music. All candidates must complete Music 101-102, Mus 201-202, Mus 251-252, and Mus 381-382. A comprehensive examination is required during the senior year. Each candidate must be registered for choir or another large ensemble each semester until graduation.

Requirements for Minor: A student may elect a music minor in piano, voice, organ, or the orchestral instruments. The course requirements are Music 101-102, Music 251-252, and 10 hours in the instrument, culminating in one half-hour recital. A student may also minor in church music. The course requirements are Music 101-102, Music 251-252, Music 315-316, Music 341 or Music 362, and six hours in the instrument. No solo recital is required.

General Requirements

All students studying applied music must attend weekly repertoire classes, all recitals presented by the Music Department, and take an examination before the faculty at the end of each semester.

All keyboard majors are required to do accompanying each semester for either a singer, an instrumentalist, or one of the vocal ensembles.

Piano Requirements

To enter the four-year degree program in piano, the student must have an adequate musical and technical background and should be able to play all major and minor scales. They should have had some learning experience in all periods of the standard student repertory, such as the Bach Two-Part Inventions, the Mozart and Haydn Sonatas, the Mendelssohn Songs Without Words, and the Bartok Mikrokosmos.

For students whose principal performing instrument is not piano or organ, a piano proficiency examination is required. The student must perform acceptably, from memory, the following material (or its equivalent in styles and difficulty): the major and minor scales, a Bach two-part invention, a movement from a classical sonatina, a romantic and a contemporary

work of moderate difficulty. The student's ability at sight-reading will be tested. Until the student passes the piano proficiency examination, piano must be studied each semester.

Candidates for the B.M. or B.A. must have one semester of piano pedagogy and one semester's internship in piano pedagogy. They must also fulfill repertory and technical requirements specified by the department.

Organ Requirements

To enter the four-year degree program in organ, the student must have completed sufficient piano study to play the Bach Two-part and Three-part Inventions, Mozart and Beethoven Sonatas, and compositions by Chopin, Schumann, Mendelssohn, and Bartok. The student should also be able to play all major and minor scales and arpeggios.

Candidates for the B.M. or B.A. degree must have one year of voice study, directed study in organ literature and the techniques of playing for religious services, and console conducting.

Voice Requirements

To enter the four-year degree program in voice, the student must possess above average talent and evidence ability to sing with correct pitch, phrasing, and musical intelligence and should know the rudiments of music and be able to sing a simple song at sight. A student should have experience in singing works from the standard repertory.

Voice candidates for the Bachelor of Music degree must obtain 18 hours in foreign languages to be chosen from at least two of the following: French, German, Italian.

Choral Music Education

Students electing the choral music education major will receive the Bachelor of Music degree. The program of 135 to 141 hours is one that is directed toward enabling the graduate to do effective music teaching throughout the pre-college curriculum. Along with the core requirements for the bachelor degree the choral music education requires 66 hours in music and 15 hours in education. Student teaching the senior year represents 12 of these education hours.

Church Music

Students electing the church music major will receive a Bachelor of Arts degree. The program of 118 total hours is designed to equip the church musician with a variety of skills so as to meet the demands of the contemporary church. Along with the core requirements for all degrees, the church music major carries additional requirements in music (53 hours), religion (18 hours), and education (six hours). An internship is also a part of the program.

MUSIC THEORY

101-102. Basic Theory (4-4). Harmonic part-writing, sight-singing and dictation, and keyboard harmony. Three lecture hours and two laboratory hours per week.

201-202. Intermediate Theory (4-4). Harmonization of chorales, modulation, altered chords, advanced sight-singing, harmonic dictation, and keyboard harmony. Three lecture hours and two laboratory hours per week. Prerequisite: 101-102.

303-304. Advanced Theory (4-4). First semester includes: harmonic and structural analysis of basic musical forms and study of advanced musical forms. The second semester is the study of polyphony of the eighteenth century, the writing of canon and fugue, and free counterpoint in contemporary styles. Four lecture hours per week. Prerequisite: Intermediate Theory, 201-202.

MUSIC LITERATURE

213. History of Jazz (3). (For non-majors) An historical survey of the principle movements, schools, and performers of Jazz.

215. Music Appreciation (3). (For non-majors). The literature of music as an important aspect of Western culture.

251-252. Music Literature (2-2). An introduction to music history and music literature with special emphasis on aural comprehension of form, style, period, and composer. Open to non-music majors with consent of instructor.

W-318. Music As A Way of Knowing (4). An introduction to the cognitive aspects of music composition. The logic behind the composer's efforts and what knowledge the composer expects of the listener form the focus of this general music class. Open to all students who qualify for a W-Course.

381-382. Music History (3-3). Music from antiquity to 1750, first semester, and from 1750 to the present, second semester. Prerequisite: Music Literature 251-252.

401. Directed Study (1-3). Designed to correlate work studied and to prepare the student for graduate study. Research and projects pertaining to the student's major interest.

CHURCH MUSIC

315-316. Church Music Literature (2-2). Sacred music from antiquity to the present. Organization and administration of the church music program is included. Open to non-music majors on consent of the instructor. *Offered in alternate years.*

361. Service Playing and Repertory (2). Open to advanced organ students. *Offered in alternate years.*

362. Console Conducting (2). Includes detailed study of anthems, accompanying, and directing the choir from the console. Open to advanced organ students. *Offered in alternate years.*

CHORAL MUSIC EDUCATION

100. Recital Class (0). Attendance at all departmental and student recitals.

333. Teaching Music in the Schools (3). Administration and teaching of music in grade K-12. An eclectic study of methods for teaching music in public and private schools. *Offered in alternate years.*

341-342. Choral Conducting (2-2). Conducting, score-reading, rehearsal techniques, and diction for singers. 342 is a continuation of 341 with an emphasis on expressive aspects of conducting. *Offered in alternate years.*

353. Instrumental Ensemble. (2). Fundamentals of string, woodwind, and brass instruments, including training methods and materials. *Offered in alternate years.*

425-426. Piano Pedagogy (2-3). A basic course emphasizing techiniques and materials used in teaching piano to children and older students in both private and class instruction *Offered in alternate years.*

440. Directed Observation and Student Teaching in the Elementary School. Same as Education 430 or 440. Prerequisite: Music 333.

451. Choral Methods and Techniques. (2). Administration and teaching of choral music with emphasis on the secondary level. *Offered in alternate years.*

452. Directed Observation and Student Teaching in the High School. Same as Education 452. Prerequisite: Music 333 and 451.

491-492. Internship (1 to 3 — 1 to 3). Practical experience and training in piano teaching or working in the music program of a church.

APPLIED MUSIC

Courses are designed by the first letter of the instrument, followed by the proper number from the following table:

Freshman 111-112; 121-122; Sophomore 211-212, 221-222; Junior 311-312, 321-322; Senior 411-412, 421-422. One or two lessons per week. One or two hours credit each semester.

181-182; 281-282. (1). Class instruction in voice or piano to a minimum of four students who meet for two hours per week.

331-332 (3-3). One hour lesson per week plus special instruction culminating in a junior recital.

441-442 (4-4). One hour lesson per week plus special instruction culminating in a senior recital.

The 300 level may be achieved only by satisfactory completion of the upper divisional examination.

Additional semesters on each level will be designated by successive numbering, i.e., 113, 114, etc.

Choir

Students are admitted to the Millsaps Singers (choir) by audition. One hour of academic credit is given per year.

Freshman 133-134; Sophomore 233-234;

Junior 333-334; Senior 433-434.

Instrumental Ensembles

Two instrumental ensembles are open to students, the Wind Ensemble and the Brass Quintet. The student may receive one hour credit for either ensemble.

THEATRE

Professor: **LANCE GOSS, A.M., Chair**

Assistant Professor: **BRENT LEFAVOR, M.A.**

Requirements for Major: 37 hours to include Theatre 103-104, 141-142, 203-204, 205-206, 213-214, 225, 305-306, 395-396, 402.

Requirements for Minor: A student may elect a minor in Theatre with the following courses: Theatre 103-104, 203-204, 205-206, 213-214, and two hours of Performance.

SPEECH

101. Speech Fundamentals: Public Speaking (3). Each student delivers a minimum of five addresses which deal with progressively more difficult materials and situations. Emphasis on development of correct breathing, proper pronunciation, accurate enunciation, and an effective platform manner. Individual attention and criticism.

102. Speech Fundamentals: Oral Reading (3). Each student presents a minimum of five readings which deal with progressively more difficult material and situations. Emphasis on interpretation and platform technique.

THEATRE

103-104. Introduction to Theatre (3-3). The first semester introduces the student to theatrical history and literature, drama theory and criticism. The second semester deals with types of staging and aspects of theatrical production, including scenery, lighting, costuming and properties.

131-132 (Freshman), 231-232 (Sophomore), 331-332 (Junior), 431-432 (Senior). Performance. Practical experience in acting or technical work in productions by the Millsaps Players. One hour per semester to a total of eight hours.

141-142. Theatre Movement (1-1). Includes classical ballet barre, pantomime, exercises, basic dance steps, and general movement.

203-204. Production I, Introduction to Theatrical Production (3-3). Emphasis on basic stagecraft, lighting, properties, and sound. To be taken concurrently with 213-214.

205-206. Acting (2-2). Basic principles of acting in modern plays, first semester; second semester, acting in pre-modern drama. Prerequisite: Theatre 103-104. *Offered in alternate years.*

213-214. Production I Lab (2-2). To be taken concurrently with Production I, 203-204.

225. Stage Makeup (3).

301. Greek Drama (3). The theatre of ancient Greece (See Classical Civilization 302: Greek Tragedy.)

303-304. Production II, Scene Design and Stage Lighting (2-2). Prerequisite: 203-204, 213-214. To be taken concurrently with 313-314.

305-306. The History and Literature of the Theatre (4-4). Prerequisite: Theatre 103-104. *Offered in alternate years.*

312. Theatre in America (3). American theatre since 1900. Prerequisite: Theatre 103-104. *Offered in alternate years.*

313-314. Production II Lab (2-2). To be taken concurrently with 303-304.

325. Stage Management (2). The role of the stage manager in the modern theatrical production. Prerequisite: 103-104.

337. Modern Drama. See English 337.

365-366. Shakespeare. See English 365-366.

395-396. Directing (2-2). Covers all facets of the director's role. Prerequisite: 103-104. *Offered in alternate years.*

402. Senior Project (2). The student completes a major project in a field of special interest, such as directing, scenery, lighting or costume designing.

405-406. Independent Study (1 to 3 — 1 to 3). Designed to cover areas of special interest not included in other courses. Open only to approved students.

Humanities

CLASSICAL STUDIES

Professor: **RICHARD FREIS, Ph.D.**
Associate Professor: **CATHERINE RUGGIERO FREIS, Ph.D., Chair**

Requirements for Major: A student may elect a major in classical studies with 18-24 semester hours in one classical language, 6 semester hours in the other classical language, and 12 semester hours in classical civilization courses. The student must earn a grade of C or better in all courses counted toward the major and a grade point of 3.0 in the major. Either Greek or Latin may be chosen as the language of concentration. If Latin is the language of concentration, Greek 101-102 will suffice for the secondary language; but if Greek is the language of concentration, two Latin courses above the 101-102 level will be required. Any of the following courses may, with the approval of the department chair, substitute for one 3-hour course in classical civilization: Philosophy 301, Art 201, English 203, Political Science 301.

Students who choose Latin with the goal of teaching Latin in the secondary schools must take 18 hours above the 101-102 level for teacher certification. Students who intend to go to graduate school in classics should take additional language courses in both Greek and Latin. Prospective majors should also consider off-campus programs in classics. For further information see section Special Programs.

Requirements for Minor: A student may elect a minor in classical studies with two courses in Greek or Latin above the 101-102 level, two classical civilization courses, and one additional course in Greek, Latin, or classical civilization.

CLASSICAL CIVILIZATION

The following courses are conducted in English; they are open to all students for elective credit regardless of classification. Different courses in this sequence will be offered from year to year.

210. Myth (3). A study of the ancient myths of Greece and Rome and their influence, with comparative material introduced from near Eastern, American Indian, and Norse mythology.

220. Greek Tragedy (3). After a brief introductory study of Greek theatre production and the social-religious context of Greek tragedy, the class will read the main surviving works of the three great tragedians, Aeschylus, Sophocles, and Euripides, and close with two critical works, Aristotle's *Poetics* and Aristophanes' comedy about tragedy, *The Frogs.*

230. The Classical Epic (3). At the head of Western literature and thought stand the two Homeric poems, the *Iliad* and the *Odyssey.* The class will begin by studying the Homeric poems in themselves and as shaping factors in Western civilization. Then, after a brief study of later Greek works, it will turn to Vergil's *Aeneid,* in which the Homeric poems are transformed in the service of a quite different but no less important vision of man.

240. Greek Art and Archaeology (3). This course will focus on the changing vision of the world and human experience in ancient art and the forms and techniques which artists evolved to represent that vision. The class also will examine the techniques and the efforts of archaeologists to bring the lost works of ancient civilization to light. There will be a field trip to the Museum of Classical Archaeology at the University of Mississippi.

250. Roman Art and Archeology. This course will focus on the changing vision of the world and human experience in Roman art and the forms and techniques which artists evolved to represent that vision. The class will also examine the techniques and the efforts of archeologists to bring the lost works of Roman civilization to light. There will be a field trip to the Museum of Classical Archeology at the University of Mississippi.

290/390/490. Special Topics (1-4, 1-4).

GREEK

Courses labeled 211-291 are suitable for second year course work. Credit is not given for 101 unless 102 is completed.

101-102. Introduction to Greek (3-3). Primary emphasis is on mastery of grammar, vocabulary, and forms with some attention to Greek literature and culture. Readings include selections from the New Testament, Greek philosophy and Homer.

211. Plato (3). Selected readings from the *Dialogues.*

221. Greek New Testament (3). Selected readings from the Gospels and Paul.

231. Homer (3). Selected readings from the *Iliad.*

241. Euripides (3). A reading of one of the plays.

251. John (3). Selected readings from the Gospel of John.

291/391/491. Special Topics (1 to 3-1 to 3). Study of such authors as Homer, the lyric poets, Aeschylus, Sophocles, Euripides, Aristophanes, Demosthenes, Plato, Aristotle, New Testament writers, and Greek composition, prose or verse.

LATIN

Courses labeled 212-292 are suitable for second year work. Credit is not given for 101 unless 102 is completed.

101-102. Elementary Latin (3-3). Designed for students who have undertaken no previous study of the language. Attention is paid to the thorough mastery of forms, vocabulary, syntax, and the techniques of translation. Readings include selections from Roman comedy, Cicero, and Latin poetry.

212. Ovid (3). Selected readings from the *Metamorphoses.*

222. Virgil (3). Selected readings from the *Aeneid.*

232. Cicero (3). Selected readings from Cicero's oratorical and philosophical prose.

242. Petronius (3). Selected readings from the *Satyricon.*

252. Catullus (3). Selected readings.

262. Roman Love Elegy (3). Selected readings.

292/392/492. (1 to 3-1 to 3). Study of such authors as Horace, the elegists, Lucretius, Sallust, Livy, Tacitus, Juvenal, Petronius, Plautus, Terence, and Latin composition, prose or verse.

HISTORY

Elizabeth Chisholm Chair of Arts and Letters

Professors: **WILLIAM CHARLES SALLIS, Ph.D., Chair**
ROBERT S. McELVAINE, Ph.D.

Assistant Professors: **DAVID C. DAVIS, Ph.D.**
PATRICK E. DELANA, Ph.D.

Requirements for Major: A student must have a 2.50 average in history and maintain this grade for the full course. History 101-102 or History 103-104 or Heritage 101-102, History 201-202, and History 401 must be included in the 27 semester hours required for a major. A preliminary test must be passed at least one academic year before the comprehensive examination. Students who expect to do graduate work should take French and German.

Requirements for Minor: A minimum of 18 semester hours in history courses, to include History 101-102 or History 103-104, or Heritage 101-102, History 201-202, and 6 semester hours of elective courses offered in the History Department. No credit will be given toward the minor for history courses in which the student makes a grade of less than C.

101. Western Civilization to 1715 (3). A general survey of European history from ancient times to 1715. Credit is not allowed for both Heritage and History 101.

102. Western Civilization since 1715 (3). A general survey of European history from 1715 to the present. Credit is not allowed for both Heritage and History 102.

103. World Civilization to 1500 (3). A general survey of world history from ancient times to the beginnings of the modern era.

104. World Civilization since 1500 (3). A general survey of world history since 1500.

201. History of the United States to 1877 (3). A general survey of American history from the period of discovery and exploration through Reconstruction.

202. History of the United States from 1877 (3). A general survey of American history from 1877 to the present.

241-242. The Afro-American Experience (3-3). A study of the historic and contemporary experience of black people in America. The first semester covers the period up to 1877. The second semester covers the period from 1877 to the present. (Same as Sociology 241-242.) *Offered in alternate years.*

251. Introduction to African History and Society (3). A multi-disciplinary survey of the major themes in African history from the glories of ancient Egypt to the tragic conflicts in South Africa.

252. Topics in African History (3). An examination of a particular topic, period, or region in African history such as oral traditions, the Atlantic slave trade, or the shaping of South Africa. Topics will change from year to year and a student may take the course more than once if the topics are different.

261. Introduction to Middle Eastern History and Society (3). A multi-disciplinary survey of the major themes in Middle Eastern history from the advent of Islam to the Arab-Israeli conflicts.

262. Topics in Middle Eastern History (3). An examination of a particular topic, period, or region in Middle Eastern history, such as the Arab-Israeli struggle or Islam in history. Topics will change from year to year and a student may take the course more than once if the topics are different.

300. Topics in American Culture (3). A multi-disciplinary exploration of a particular topic in American culture. The history, literature, thought, music, art, and popular culture of a particular period (such as a decade) or aspect of the United States will be studied. Topics will change from year to year, and a student may take the course more than once if the topics are different. (Same as English 300.)

301. Topics in European Culture (3). An interdisciplinary examination of a particular topic, period, or region of European culture. Topics will change from year to year, and a student may take the course more than once if the topics are different. *Offered in alternate years.*

305. The Old South (3). Development of the southern region of the United States from the time of discovery to the beginning of the Civil War. Prerequisite: junior standing or consent of instructor. *Offered in alternate years.*

306. The New South (3). A continuation of H305. Prerequisite: junior standing or consent of instructor. *Offered in alternate years.*

307. The Civil War and Reconstruction (3). An examination of the political, economic, military, diplomatic, and social aspects of the Civil War and Reconstruction periods. Prerequisite: junior standing or consent of instructor. *Offered in alternate years.*

308. Mississippi and its Relation to the South (3). Students may enroll for 306 or 308, but not both. Prerequisite: junior standing or consent of instructor.

309. The American Revolution and the Establishment of the Federal Union, 1754-1789 (3). Prerequisite: History 201 or consent of instructor. *Offered in alternate years.*

310. The Age of Jefferson and Jackson, 1789-1848 (3). A continuation of History 309. Prerequisite: History 201 or consent of instructor. *Offered in alternate years.*

311. America in the Twentieth Century (3). A topical study of the history of the United States 1917-1945. Prerequisite: History 202 or consent of instructor. *Offered in alternate years.*

312. America in the Twentieth Century (3). A continuation of History 311 from 1945 to the present. Prerequisite: History 202 or consent of instructor. *Offered in alternate years.*

313-314. Social and Intellectual History of the United States (3-3). First semester: From Colonial times to the Civil War. Second Semester: From the Civil War to the present. Prerequisite: History 201-202 or consent of instructor. *Offered in alternate years.*

315. The Emergence of Modern America (3). A topical study of the history of the United States 1877-1916. Prerequisite: History 202 or consent of instructor. *Offered in alternate years.*

319. The Renaissance and Reformation (3). An interdisciplinary examination of the society, politics, religion, and culture of 15th and 16th century Europe. *Offered in alternate years.*

320. Age of Revolution. (3). An interdisciplinary examination of society, politics. and culture of Europe in the 17th and 18th centuries. *Offered in alternate years.*

322. Topics in Nineteenth Century Europe. An interdisciplinary examination of selected topics pertaining to 19th Century European history. Topics will change from year to year, and a student may take the course more than once if the topics are different. *Offered in alternate years.*

323-324. Nineteenth Century Europe (3-3). First semester, 1815-1870; second semester, 1870-1914. Prerequisite: History 101-102 or equivalent. *Offered in alternate years.*

325-326. Twentieth Century Europe (3-3). First semester, 1914-1939; second semester, World War II and the post-war era. Prerequisite: History 101-102 or equivalent. *Offered in alternate years.*

327. History of England (3). A general survey of English history from Roman times up to the beginning of the 18th century. *Offered in alternate years.*

328. History of Britain (3). A general survey of British history, including the Empire, from the beginning of the 18th century up to the present. *Offered in alternate years.*

329. History of Russia (3). A general survey of the history of Russia up to the establishment of the Soviet Union. *Offered in alternate years.*

330. History of the Soviet Union (3). A general survey of the history of the Soviet Union from the Russian Revolution to the present. *Offered in alternate years.*

331. Topics in Twentieth Century Europe (3). An interdisciplinary examination of selected topics pertaining to 20th Century European history. Topics will change from year to year, and a student may take the course more than once if the topics are different. *Offered in alternate years.*

334. Contemporary History (3). Current issues are discussed in their historical perspective. Course may be repeated for credit.

401. Special Problems in History (3). A study of how history is written and interpreted and of problems in American civilization. May be taken by students who have six semester hours in history and is required of all history majors.

402. Directed Readings (1 to 3). Prerequisite: consent of the department chairman.

411-412. Special Topics in History (1 to 3 — 1 to 3). Deals with areas not covered in other courses. Offered as required. Prerequisite: consent of department chairman.

PHILOSOPHY

Professors: **MICHAEL H. MITIAS, Ph.D., Chair**
ROBERT H. KING, Ph.D.

Associate Professor: **STEVEN G. SMITH, Ph.D.**

Assistant Professor: **THEODORE G. AMMON, Ph.D.**

Requirements for Major: A minimum of 24 semester hours, including 202, 301, 302, and 492.

Requirements for Minor: A student may elect a minor in philosophy with 15 hours of philosophy (18 hours if six hours are used to meet degree requirements), including 301, 302, one other 300 level course, and at least one other 300 or 400 level course.

201. Problems of Philosophy. (3). A basic introduction to some of the main problems, such as knowledge, man, nature, art, the good, and God.

202. Logic. (3). Language, fallacies, deduction (syllogistic and symbolic), and induction (scientific methods).

210. Social and Political Philosophy (3). An enquiry into the basic principles of social and political organization, with special emphasis on the concepts of government, justice, punishment, family, property, work, and peace.

215. Ways of Knowing (3). An introduction to theories of knowledge from a variety of philosophical traditions, including feminism, pragmatism, mysticism, empiricism, and rationalism. A central concern of the course will be the relationship between science and philosophy in the acquisition of knowledge.

301-302. History of Philosophy. (3-3). The first semester is a survey of western philosophy through the medieval period; the second semester, from the Renaissance through the nineteenth century.

303. Twentieth Century Philosophy. (3). A survey of western philosophy from 1900 to the present. Prerequisite: Philosophy 201, or consent of the instructor. *Offered in alternate years.*

311. Ethics. (3). Principles used in the choosing of personal and social values.

315. Existentialism. (3). Historical and comparative treatment of works of such thinkers as Kierkegaard, Jaspers, Heidegger, Sartre, and Marcel.

321. Aesthetics. (3). Consideration of the creative impulse, of the art object, and standards of aesthetic appreciation.

331. Philosophy of Religion. (3). Investigation of issues arising from religious experience and beliefs, including the nature of the divine, evil, and human destiny. *Offered in alternate years.*

351. Oriental Philosophy (3). *Offered in alternate years.*

360. Philosophy of Human Nature (3). An inquiry into the defining attributes of humanity, with consideration of symbol use and rationality, embodiment, emotion, and gender.

365. Philosophy of Education (3). A critical study of the essential nature of education with emphasis on the aims, method, and place of human values in education.

381. Metaphysics. (3). Basic categories of experience and reality. Prerequisite: Philosophy 201, or consent of the instructor. *Offered in alternate years.*

401-402. Directed Readings. (1 to 3 — 1 to 3). Prerequisite: Philosophy 201, or consent of the instructor.

411-412. Special Topic Courses. (3-3). Prerequisite: Philosophy 201, or consent of the instructor.

492. Senior Seminar. (3). Intensive reading in selected issues, schools, and thinkers. For senior majors.

RELIGION

The Tatum Chair of Religion

Professors:	**THOMAS WILEY LEWIS, III, Ph.D., Chair**
	ROBERT H. KING, Ph.D.
	LEE H. REIFF, Ph.D.
Associate Professor:	**STEVEN G. SMITH, Ph.D.**
Assistant Professor:	**DAVID S. BLIX, Ph.D.**

Requirements for Major: A minimum of 31 hours, including 201, 202, 210, 492.

Requirements for Minor: A student may elect a minor in religion with 12 hours beyond those used to meet degree requirements (15 hours if the requirement in religion is met by Heritage), including 201, 202, 210 or 381.

An interdisciplinary area of concentration in Christian Education is available to students with a major or minor in religion. For the specific requirements, see the listing under Interdisciplinary Studies.

101. Introduction to Religious Studies (3). A beginning exploration of the phenomenon of religion and the different kinds of questions that can be asked about it. Open to freshmen only.

201. Old Testament (3). An introduction to the history, literature, and thought of ancient Israel.

202. New Testament (3). An introduction to the background and beginnings, the earliest development and thought of Christianity as seen in the distinctively Christian scriptures.

210. Ways of Being Religious (3). A study of religious phenomena through the analysis and critique of expressions and practices found in the religions of the world.

301. The Teachings of Jesus (3). A study of the teaching of Jesus as found in the synoptic gospels, with special attention to the parables. *Offered in alternate years.*

302. The Prophets (3). A study of the prophetic movement in ancient Israel. *Offered in alternate years.*

311. Paul (3). A study of the background, writings, and thought of the Apostle Paul. *Offered in alternate years.*

321. The Educational Ministry of the Church (3). An examination of the purpose and implementation of the church's educational ministry. Prerequisites: Religion 201, 202. *Offered on demand.*

330. Religion in America. (3). A study with two goals: to trace the planting, growth and development of religious movements in America; to assess expressions of what has been called the "religious meaning of America." *Offered in alternate years.*

331. Philosophy of Religion (3). Same as Philosophy 331. *Offered in alternate years.*

352. Religion and Ethics (3). An investigation of religious principles of moral reasoning and their application to issues of personal and social life, with primary attention to Christianity. *Offered in alternate years.*

361. Religion and Science (3). A study of problems in the relationship between religious thinking and modern science and technology. *Offered in alternate years.*

372. Religion and Literature (3). An investigation of the religious dimension of imaginative literature through the reading, discussion, and preparation of papers on selected novels and autobiographies. *Offered in alternate years.*

381. World Religions (3). A study of the history, literature and thought of selected religious traditions, including the religions of India, Chinese and Japanese religions, Judaism and Islam. *Offered in alternate years.*

390. History of Western Christianity (3). A survey of the rise, consolidation, development, and influence of Christianity and Christian thought in the West.

396. Theology in the Modern Period (3). An examination of major developments in theology from the Enlightenment to the present. *Offered in alternate years.*

401-402. Directed Reading (1 to 3 — 1 to 3). Individualized reading and research. Prerequisite: consent of the department chair.

405-406. Independent Study (1 to 3 — 1 to 3). Individual investigation culminating in a written report. Prerequisite: consent of the department chair.

411-412. Special Topics (1 to 3 — 1 to 3). Special areas of study not regularly offered, for an organized class of interested students.

451. Internship in Christian Education (3). Working experience under the supervision of a Director of Christian Education and a faculty member of the Department of Religion.

492. Seminar (1). Selected topics and research.

Interdisciplinary Studies

EUROPEAN STUDIES

The program in European Studies is designed for those students who are keenly interested in European affairs and culture. The major and minor in European Studies cut across traditional disciplinary boundaries and allow the student to work with faculty to design a program of study which integrates those aspects of European affairs which best meet the student's interests. European art, business, economics, history, languages, literatures, music, philosophy, political science and sociology are among the areas of study available to students in European Studies.

Requirements for Major: Fifteen hours (or equivalent) of one modern European language; six hours of a second European languages; eighteen hours of coursework in approved courses, including European Studies 400; and an interdisciplinary area concentration. In consultation with the European Studies committee, students will determine a concentrated area of study in which no more than nine hours of coursework may be completed in one division.

Requirements for Minor: Six hours (or equivalent) of one modern language above the 101-102 level; twelve hours above either the 202 level in language or the 200 level in other departments; and an interdisciplinary area concentration in which no more than six hours of coursework may be completed in one division.

INTERDISCIPLINARY COURSES

European Studies 400. European Studies Colloquium (3). An interdisciplinary research forum in which students pursue individual, directed reading and writing within their area concentration as well as collaborative study of European affairs.

Heritage 101-102. The Cultural Heritage of the West (7-7). An essentially chronological portrayal of Western culture viewed from the perspectives provided by literature, history, religion, philosophy, the arts, and other disciplines. The course will be made up of a balance of lectures, discussion and laboratory sessions, and occasional field trips. Designed for entering freshmen, but open to some sophomores. Limited enrollment. Corequisite for entering freshmen: English 103-104.

Liberal Studies 100. Introduction to the Liberal Arts (3). A course designed to orient adult learners to the academic community; to assist them to acquire the skills necessary for academic success, especially reading and writing skills; and to introduce them to the theory of liberal arts education. Class will be conducted in a discussion format with frequent writing assignments, culminating in a research paper. Enrollment limited to candidates for the Bachelor of Liberal Studies degree.

Liberal Studies 511. Leadership Seminars in the Humanities (3). A course designed specifically for current and prospective leaders in business, government and the professions. A different topic will be addressed each semester. Every seminar is concerned with developing skills of critical thinking and clear articulation of ideas. Readings are chosen to provoke serious thought about issues of importance to persons in positions of responsibility. Enrollment limited to selected participants.

Natural Science 201-202. Science and the Human Prospect (4-4). A course designed primarily for the non-science major, presenting an integrated view of the natural sciences: biology, chemistry, geology, and physics. The interdependence of science, technology, and the human condition will be emphasized. Along with lectures, discussion and laboratory sessions, use will be made of computer assisted instruction. Recommended for sophomores and juniors, but open to freshmen with two years of high school science. Prerequisite or corequisite: Mathematics 103-104 or equivalent.

Southern Studies 200. Selected Topics (3). A course for the general student to be offered by the individual currently appointed to the Eudora Welty Chair of Southern Studies. It may be cross-listed with one or more departments and may be repeated for credit with different topics.

Women's Studies 200. Introduction to Women Studies (3). An overview of the discipline that will survey the major issues raised by the range of women's experiences in western culture (primarily Britain and America), and examine some of the analytical techniques and perspectives that feminist critics in a variety of disciplines use to explore these issues.

Women's Studies 400. Senior Seminar (3). A course in feminist practice and theory in which students read key texts, reflect on their course of study, and look toward the future.

INTERDISCIPLINARY AREAS OF CONCENTRATION

Christian Education. The requirements for an area of concentration in Christian Education are as follows: 1) a major or minor in religion; 2) additional coursework, in cluding Religion 321, Education 205 or 210, Psychology 203 or 206, and Sociology 101 or 102; and 3) an internship in Christian education offered by the Religion Department.

Women's Studies. The requirements for an area of concentration in Women's Studies are 18 hours in courses approved by the Women's Studies advisory committee for this purpose. These courses must include Women's Studies 200 and 400.

Language and Literature

ENGLISH

The Stewart Family Chair of Language and Literature

Professors:	**ROBERT HERBERT PADGETT, A.M., Chair**
	RICHARD P. MALLETTE, Ph.D.
	SUZANNE MARRS, Ph.D.
Associate Professors:	**NONA FIENBERG, Ph.D.**
	JUDITH W. PAGE, Ph.D.
	AUSTIN WILSON, Ph.D.
Assistant Professors:	**LORNE M. FIENBERG, Ph.D.**
	KATHLEEN SPENCER, Ph.D.

Requirements for Major: An English major must take English 101-102 or 103-104 or 105, 201-202, 481, and 18 hours of other courses in the department. Majors must complete the 201-202 course in Greek, Latin, or a modern foreign language with a grade of C or better, or pass an equivalent proficiency examination. Students planning to pursue graduate study in English are advised that a reading knowledge of French, German, and sometimes Latin is generally required. A minimum of one year of Latin or Greek is strongly recommended.

Requirements for Minor: A student may elect a minor in English with 18 hours of English beyond the freshman level. Six of the 18 hours must be English 201-202.

101-102. Composition (3-3). First semester, weekly themes and introductions to essays, short stories, and the novel; second semester, research paper and introductions to poetry and drama.

103-104. Composition (2-2). A specially designed course correlated with Heritage 101-102, the *Cultural Heritage of the West,* and intended to develop and augment the student's abilities in reading, writing, and speaking. Corequisite: Heritage 101-102.

105. Advanced Freshman Composition (3). Designed for freshmen with exceptionally strong preparation in English, as evidenced by an A.C.T. score of 27 or above and the extempore writing of an acceptable theme for a department committee, this course concentrates steadily on expository, critical, and some creative writing. Readings in poetry and short fiction or drama furnish materials for the writing. Class membership selected by a departmental committee. Open only to freshmen.

106. Freshman Seminar (3). A seminar designed for freshmen with exceptionally strong preparation in English, this course will explore a theme of general interest by means of readings in criticism, poetry, fiction and drama and by means of writing expository and critical papers. Prerequisite: Eng. 105 or 4 or 5 on the A. P. examination in English. Open only to freshmen.

201-202. English Literature (3-3). A survey of English literature from the beginnings to the present. Prerequisite: English 101-102, 103-104, or 105.

203-204. Literature of the Western World (3-3). A chronological study of selected major works of Continental, British, and American literature from Homer to the present. Prerequisite: English 101-102 or 105.

205. Journalism (3). A basic course emphasizing newswriting and reporting. History and principles of journalism; introduction to make-up, copywriting, and headlines. Prerequisite: English 101-102, 103-104, or 105.

207. Introduction to Creative Writing (3). An introductory course emphasizing the fundamentals of writing both poetry and fiction through readings and frequent writing assignments. Prerequisite: English 101-102, 103-104, or 105.

211-212. American Literature (3-3). A survey of American literature from the seventeenth century to the present. Prerequisite: English 101-102, 103-104 or 105.

215-216. Shakespeare (3-3). The first semester focuses on the plays before 1603, with particular attention to the histories and early comedies and to the historical background; the second semester stresses the development of tragedy, comedy, and romance in Shakespeare's later career. Each semester may be taken separately and without regard to sequence. Prerequisite or corequisite: English 201 or Heritage 101-102.

217-218. Medieval and Renaissance Themes and Topics (3-3). Courses designed to focus on various themes and topics, genres, works, and authors of interest and importance in earlier English literature. Prerequisite: English 101-102 or 103-104 or 105 and English 201 or Heritage 101.

219. English Prose and Poetry of the Sixteenth Century (3). English literature at the end of the sixteenth century, with particular emphasis on the development of the lyric and on the early books of *The Faerie Queene*. Prerequisite: English 201.

250. Ethnic American Literatures (3). A study of representative literary works which reflect the ethnic diversity of the United States. Readings may include works by Afro American, Hispanic, Native American, and Asian American authors. Prerequisite: English 101-102, 103-104, or 105.

290. Becoming a Critical Thinker (3). To develop abilities in critical inquiry, reading and writing, and to explore ways to generate and develop independent ideas as well as to engage in thoughtful conversation with the writing of other thinkers. The course will function as a community of inquiry, working together on a currently unresolved issue or question in the shared knowledge of our culture. Prerequisite: English 101-102, 103-104, or 105.

300. Topics in American Culture (3). A multi-disciplinary exploration of a particular topic in American culture. The history, literature, thought, music, art, religion, economics, and popular culture of a particular period (such as a decade) or aspect of the United States will be studied. Topics will change from year to year, and a student may take the course more than once if the topics are different. (Same as History 300.)

321. English Prose and Poetry of the Seventeenth Century (3). Major poets and prose writers of the seventeenth century in their cultural context, with emphasis on Donne, Jonson, Herbert, Marvell, and Bacon. Prerequisite: English 201-202.

322. English Prose and Poetry of the Eighteenth Century (3). Major poets and prose writers of the Restoration and Eighteenth Century, from Dryden to Johnson. Prerequisite: English 201-202.

323. English Prose and Poetry of the Restoration and Earlier Eighteenth Century (3). Major poets and prose writers of the Restoration and neoclassical age, with emphasis on Dryden, Swift, and Pope. Prerequisite: English 201-202.

324. English Prose and Poetry of the Later Eighteenth Century (3). Major poets and prose writers of the later eighteenth century, with emphasis on Johnson, the "pre-Romantics," and the novels of Defoe, Richardson, and Fielding. Prerequisite: English 201-202.

325-326. Romantic Poetry and Prose (3-3). A two-semester study of texts by such writers as Robert Burns, Mary Wollstonecraft, William Blake, William Wordsworth, Dorothy Wordsworth, S. T. Coleridge, Thomas de Quincey, Charles and Mary Lamb, Lord Byron, Percy Bysshe Shelley, Mary Wollstonecraft Shelley, William Hazlitt, and John Keats in the cultural context of the historical period from the 1780s through the 1830s.

328. Victorian Poetry and Prose (3). A study of the major poets and prose writers of the Victorian age including Tennyson, Browning, Arnold, Carlyle, Ruskin, Mill, Pater, the Pre-Raphaelites, Shaw, and Wilde, with emphasis on themes, issues, and forms.

329. The Eighteenth-Century English Novel (3). The history and development of the English novel from Defoe to Austen, considering a variety of types, movements, and critical theories. Prerequisite: English 201-202.

330. The Nineteenth-Century English Novel (3). The history and development of the English novel from Scott to Hardy, considering a variety of types, movements, and critical theories. Prerequisite: English 201-202.

331. History of the English Novel (3). Novels from Fielding to Hardy are cast in their historical contexts, with specific consideration of types, movements, and critical techniques. Prerequisite: English 201-202.

332. Modern Fiction (3). Intensive reading of selected modern novels ranging from Dreiser, James, and Conrad to Lawrence, Joyce, and Woolf and to Mann, Kafka, Faulkner, and Hemingway. Prerequisite: English 201-202.

337. Modern Drama (3). A survey of drama from Ibsen to Beckett and Ionesco. Prerequisite: English 201-202 or 203-204.

341. Modern English and American Poetry (3). A survey of the development of modernism in English and American poetry from the early twentieth century through the 1940s. Prerequisite: English 201-202 or 203-204.

342. Contemporary Literature (3). A survey of fiction and poetry since 1950. Prerequisite: English 201-202 or 203-204.

350. Major American Writers (3). Intensive reading and study of a single author or group of authors. Possible offerings include: "Poe, Hawthorne, and Melville;" "Twain, James, and Wharton;" "Stein, Hemingway, and Fitzgerald." Prerequisite: English 201-202.

361. Chaucer (3). A reading of Chaucer's major works, including *Troilus and Criseyde* and *The Canterbury Tales,* in the context of Medieval culture. Prerequisite: English 201-202.

367. Milton (3). An intensive study of *Paradise Lost,* with reference to the epic tradition and to other works by Milton. Prerequisite: English 201-202.

370-371. Women Writers (3-3). The first semester focuses on early women writers, including Medieval, Renaissance, Restoration, and eighteenth-century writers (such as Christine de Pisan, Margery Kempe, Marguerite de Navarre, Mary Sidney, Mary Wroth, and Aphra Behn). The second semester continues with a study of writers from the late eighteenth century through the contemporary period, reflecting, when appropriate, the racial and ethnic diversity of women writing in English. In both semesters, the work of women writers will be read in the light of their cultural contexts and current feminist methodologies.

381. The Short Story (3). A study of the short story as genre, considering its history and development, its characteristics and types, its similarities with and differences from other forms of narrative, and the various critical approaches and theories concerned with the form. Prerequisite: Eng. 101-102, 103-104, 105, or Lib. St. 100.

391-392. Advanced Creative Writing: Fiction (2-2). The writing of a number of short stories or one long work of fiction. Discussion of student work at a two-hour workshop each week and in conference with the instructor. Designed as a year-long course, but open to students in either the fall or spring who wish to take only one semester. Prerequisite: English 207 or the consent of the instructor. *Offered in alternate years.*

393-394. Advanced Creative Writing: Poetry (2-2). The writing of a substantial number of poems in both traditional forms and free verse. Discussion of students' poems at a two-hour session each week and in conference with the instructor. Designed as a year-long course, but open to students in either the fall or spring who wish to take only one semester. Prerequisite: English 207 or the consent of the instructor. *Offered in alternate years.*

395. Teaching Writing: a Practicum (3). An intensive, hands-on study of how people learn to write. Involves work on one's own writing, the examination of writing and learning processes, tutoring in the writing center, and the study of the theory and practice of teaching writing. This course is important for anyone who plans to teach English (or any other subject) or for anyone who will be in a position to supervise people who write. Required of writing center tutors. Prerequisite: English 101-102, 103-104, or 105.

396. History of the English Language (3). The origin and development of the English language, structural and phonetic changes, conventions of modern usage. Prerequisite: English 201-202 or 203-204. *Offered by directed study.*

405-406. Independent Study (1 to 3 — 1 to 3). Reading and research in special areas under the guidance of the instructor. Prerequisite: consent of the chairman.

411-412. Special Topics in English and American Literature (1 to 3 — 1 to 3).

451-452. Internship (1 to 3 — 1 to 3). Practical experience and training in communications (newspaper, television, or advertising) and in library science for well prepared students. Prerequisite: junior or senior standing and consent of the chairman.

481. Junior Seminar (3). A survey of critical theory from Aristotle to the present. Special attention will be given to the various modern critical methodologies and their application to specific literary texts. Prerequisite: at least six hours of literature courses beyond English 201-202 or 203-204.

MODERN LANGUAGES

Associate Professors: **BILLY MARSHALL BUFKIN, A.M., Chair**
PRISCILLA FERMON, Ph.D.
ROBERT JOEL KAHN, Ph.D.

Assistant Professors: **CLAUDINE CHADEYRAS, A.M.**
KARL FREDERICK MARKGRAF, Ph.D.

Requirements for Majors in French and Spanish: A minimum of 24 semester hours is required beyond the 101-102 series, although 30 hours is recommended. If a candidate takes only the minimum of required courses, 18 hours must be in the literature of the target language.

Requirements for a Minor in French, German or Spanish: A student may elect a minor with a minimum of 15 semester hours above the 101-102 series.

Placement in Modern Languages: Students with two or more units of a modern foreign language in high school will be given a standard placement test and advised as to whether they are prepared to continue the language at the college level or whether they should take the 101-102 course. A student will not be admitted to 300 or 400 level courses in French, German, or Spanish until 201-202 (or equivalent if transfer student) have been completed.

Credit is not given for 101 unless 102 is completed.

FRENCH

101-102. Elementary French (3-3). Grammar and reading with constant oral practice. A minimum of one hour per week in language lab.

201-202. Intermediate French (3-3). Review of grammar and reading of modern French prose. Prerequisite: French 101-102 or two years of high school French.

251-252. Conversation and Civilization (3-3). Designed to give students some fluency in the use of the spoken language. Composition drill is also given. Emphasis on civilization in the second semester. Prerequisite: French 101-102 or equivalent. *Offered in alternate years.*

301-302. Advanced French Composition and Conversation (3-3). This course may be taken in addition to and may also substitute for French 251-252. Prerequisite: French 201-202 or equivalent. *Offered in alternate years.*

311-312. Survey of French Literature (3-3). Survey of French literature from its origins to the present day. Instruction and recitation principally in French. Prerequisite: French 201-202.

401-402. Directed Study (1 to 3 — 1 to 3). For advanced students who wish to do reading and research in special areas under the guidance of the instructor. Prerequisite: consent of the department chairman.

411-412. Selected Topics in French Literature. (3-3). The content to be determined by the instructor and the needs of the students. Prerequisite: French 201-202 and consent of the instructor.

GERMAN

101-102. Elementary German (3-3). Grammar and reading with constant oral practice. A minimum of one hour per week in language lab.

201-202. Intermediate German (3-3). Review of grammar and introduction to important writers of German literature. Prerequisite: German 101-102 or the equivalent.

251-252. Conversation and Composition (3-3). Prerequisite: consent of the instructor. *Offered in alternate years.*

261-262. German Civilization (3-3). Cultural survey with special emphasis on history, art and music. Knowledge of German not necessary. *Offered in alternate years.*

313-314. Survey of German Literature (3-3). Survey of early literary monuments with a concentration on the thirteenth century epic and poetry. Works from the Reformation, Baroque and major works of Lessing, Goethe, and Schiller. *Offered in alternate years.*

315-316. Survey of Nineteenth Century and Modern German Literature (3-3). Survey of the Romantics and Realists of the nineteenth century, and major figures of the modern period: Hauptmann, George, Rilke, Mann, Hesse, Kafka, Hofmansthal, Brecht, Boll, and Grass. *Offered in alternate years.*

401-402. Directed Study (1 to 3 — 1 to 3). For advanced students who wish to do reading and research in special areas under the guidance of the instructor. Prerequisite: consent of the department chairman.

411-412. Selected Topics in German Literature (3-3). Prerequisite: Consent of the instructor.

491. Seminar (1).

SPANISH

101-102. Elementary Spanish (3-3). Grammar and reading with constant oral practice. A minimum of one hour per week in language lab.

201-202. Intermediate Spanish (3-3). Review of grammar and reading of modern Spanish prose. Prerequisite: Spanish 101-102 or two units of high school Spanish.

251-252. Conversation and Civilization (3-3). Designed to give students some fluency in the use of spoken Spanish and a familiarity with the civilization. Prerequisite: Spanish 101-102 and preferably 201-202.

311-312. Survey of Spanish Literature (3-3). Survey of Spanish literature from its origins to the present day. Instruction and recitation principally in Spanish. Prerequisite: Spanish 201-202 or equivalent. *Offered in alternate years.*

381-382. Survey of Spanish-American Literature (3-3). The first semester deals with the Colonial and independence Periods. The second semester covers the Nineteenth and Twentieth Centuries. Prerequisite: Spanish 201-202 and preferably 311-312. *Offered in alternate years.*

401-402. Directed Study (1 to 3 — 1 to 3). For advanced students who wish to do reading and research in special areas under the guidance of the instructor. Prerequisite: consent of the department chairman.

411-412. Selected Topics in Spanish Literature (3-3). Prerequisite: Spanish 201-202 and consent of the instructor. *Offered in alternate years.*

413-414. Selected Topics in Latin American Literature (3-3). Prerequisite: Spanish 201-202 and consent of the instructor. *Offered in alternate years.*

Science and Mathematics

BIOLOGY

Professor: JAMES P. McKEOWN, Ph.D., Chair
Associate Professors: SARAH L. ARMSTRONG, Ph.D.
DICK R. HIGHFILL, Ph.D.
ROBERT B. NEVINS, M.S.
Assistant Professor: BRITON E. SHELL, Ph.D.

Requirements for the B.S. degree with major in Biology:

A. Organismal Biology concentration: Biology 131, 132, 133, 215, 221, 491 and 492; one of Biology 243, 245, 369, or 396; one of Biology 251 or 301; one of 370, 381, or 383; Chemistry 231-232 with labs and Physics 111-112 or 131-132 and 151-152.

B. Molecular Biology concentration: Biology 131, 132, 133, 215, 320, 381, 383, 491 and 492; Chemistry 231-232 with labs, 8 hours of Biochemistry; Physics 111-112 or 131-132 and 151-152.

Requirements for the B.A. degree with major in Biology:

General Biology concentration: Biology 131, 132, 133, 215, 221, 491 and 492 and at least two courses to be chosen from the three areas of electives listed for the Organismal Biology concentration; two approved electives in the Natural Sciences.

Requirements for Minor:

A student may elect a minor in biology with 12 hours beyond either Organismal Biology I or II.

All students majoring or minoring in Biology must maintain a 2.50 average in biology courses.

131. Introductory Cell Biology (4). An examination of cytological, physiological, and biochemical features common to all cells: metabolism, genetics, growth, movement and reproduction. Laboratories will include basic instrumentation and concepts of quantification. Three discussion periods and one three-hour laboratory period per week.

132. Organismal Biology I (4). Examines the structures, physiological processes and evolutionary relationships of organisms in the Kingdoms Monera, Protista, Fungi, and Plantae. Three lecture periods and one three-hour laboratory per week. Prerequisite: Biology 131.

133. Organismal Biology II (4). Comparative morphology and physiology of invertebrate and vertebrate animals. Three lecture periods and one three-hour laboratory per week. Prerequisite: Biology 131.

215. Genetics (4). Mendelian genetics; the nature, transmission, and mode of action of the genetic material; the role of genetics in development and evolution. Three discussion periods and one three-hour laboratory period per week. Prerequisite: Biology 131, 132, or 133.

221. Biological Systematics (3). The history, philosophy, and practice of taxonomy; evolution and population genetics; the nature of taxonomic evidence, including biometric techniques; nomenclature. Variation among practices with plants, animals and prokaryotes. Three lecture periods per week. Prerequisite: Biology 131 & 132.

243. General Entomology (4). Two discussion periods and one four-hour lab. Identification, life history, ecology, and evolutionary histories of the class *Insecta*. Prerequisite: Biology 131, 132, 133.

245. Ecology (4). Interrelationships between organisms and their physical environment; population dynamics and interactions, organization of biotic communities; energy flow, succession, community types. Laboratory may include some field studies. Two discussion periods and one four-hour laboratory per week. Prerequisite: Biology 131, 132, 133.

251. Comparative Vertebrate Morphology (5). An integrated course in vertebrate anatomy and embryology. Reproduction, organ system differentiation, and a comparative study of the gross anatomy of the vertebrate systems. Three discussion periods and one laboratory period per week. Prerequisite: Biology 131, 133.

301. Histology (4). Microscopic anatomy of the different vertebrate systems, with an emphasis on basic tissue types. Three discussion periods and one three-hour laboratory period a week. Prerequisite: Biology 131, 133.

302. Electron Microscopy (3). Theory and techniques of the electron microscrope. Tissue preparation, handling, and imaging with the scanning electron microscope. Lecture and laboratory. Prerequisite: consent of instructor.

320. Molecular Biology (4). To bring the student to a full understanding of cell function in molecular terms, through a study of the fundamental structures and processes which make life possible. Topics include the synthesis of nucleic acids and proteins, mechanisms of gene-level control in prokaryotes and eukaryotes, genetic engineering, evolution of genetic systems and pathways of energy flow. Three lecture periods and one three-hour lab. Prerequisites: Biology 131, 133 or 132 and genetics 215.

351-352. Field Biology (3-5; 3-5). Environmental study trips throughout North America. Emphasis on ecology and community composition. Five week program with approximately three weeks away from campus, open by application only; limited enrollment. Prerequsite: Eight hours of biology.

369. Population Biology (4). Biological phenomena at the population level. Emphasis on modern topics including population genetics, population dynamics, speciation, social behavior, and principles of systematics. Two discussion periods and one four-hour laboratory period a week. Prerequisite: Biology 131, 132, 133. *To be taught on demand.*

370. Comparative Animal Physiology (4). Comparison of animal groups (from protozoa to chordates) as to maintenance of life functions (e.g., energy metabolism, osmoregulation, irritability, movement, and coordination) in different environments (aquatic, terrestrial, and aerial). Three discussion periods and one three-hour laboratory period. Prerequisite: Biology 131, 133.

381. General Bacteriology (4). Historical survey; bacterial structure, metabolism, genetics and taxonomy; role of bacteria in disease, industry, and ecology; common bacteriological techniques. Two discussion periods and two two-hour laboratory periods a week. Prerequisite: Biology 131, 132, 133. Chemistry 232-234 recommended.

383. Immunology and Virology (4). The physiology, biochemistry, and genetics of the immune response; viral structure, function, and relationship to host. Four discussion periods. Prerequisites: Biology 133, Chemistry 231.

391. Cellular Physiology (4). Study of the constituents, properties, and activities of protoplasm. Three discussion periods and one three-hour laboratory period per week. Prerequisite: Biology 132 or 133; Corequisite: Chemistry 232-234.

396. Aquatic Biology (4). Physical and biological structure of freshwater and marine ecosystems. Emphasis on natural ecosystems and aspects of human intervention. Two discussion periods and one four-hour laboratory period per week. Laboratories may include collection and field projects in nearby aquatic habitats. Prerequisite: Biology 131, 132, 133. Recommended: Biology 245.

401-402. Reading and Conference in Biology (1 to 3 — 1 to 3). Prerequisite: consent of instructor.

403-404. Undergraduate Research (1 to 3 — 1 to 3). Prerequisite: consent of instructor.

415-416. Special topics in Biology (1-1). One discussion period per week.

451-452. Internship (1 to 3 — 1 to 3). Practical experience and training with selected research, educational, governmental, and business institutions. Prerequisite: consent of instructor.

491-492. Senior Seminar: Biological concepts and History (2-1). Selected topics in the history of science, particularly biology, emphasizing the development of an integrated world view from the standpoint of current science.

CHEMISTRY

The J. B. Price Chair of Chemistry

Professors: **ROY ALFRED BERRY, JR., Ph.D., Chair**
ALLEN DAVID BISHOP, JR., Ph.D.
CHARLES EUGENE CAIN, Ph.D.
GEORGE HAROLD EZELL, Ph.D.
JIMMIE M. PURSER, Ph.D.

Assistant Professors: **TIMOTHY J. WARD, Ph.D.**
JOHNNIE-MARIE WHITFIELD, Ph.D.

Requirements for Major: All majors take Chemistry 121-122, 123-124, 231-233, 232-234, 251-253, 334, 491-492 and Computer 105. Candidates for the bachelor's degree accredited by the American Chemical Society must have a 2.5 average in chemistry and take Chemistry 341-343, 354-356, 363-365, 364-366; Physics 131-132, 151-152, 231; and mathematics through integral calculus. Two approved electives in chemistry, physics, or mathematics are required. German 201-202, or reading knowledge, is strongly recommended. Other majors are required to take Chemistry 264-266 or 363-365 and 364-366; Physics 111-112 or 131-132 in addition to 151-152; and two approved advanced electives in the natural sciences. A grade below C will not be accepted for any of the above courses required of a chemistry major.

Requirements for Minor: A student may elect a minor in chemistry with 14 hours of chemistry in addition to general chemistry.

121-122. General Inorganic Chemistry (3-3). Atomic theory, theory of bonding, kinetic theory of gases, chemical equilibrium, periodicity, descriptive chemistry. Corequisite: Chemistry 123-124.

123-124. General Analytical Chemistry (1-1). Theory and applications of qualitative and quantitative techniques with emphasis on solution chemistry. Corequisite: Chemistry 121-122.

231-232. Organic Chemistry (3-3). Structure, reactions, and theory. Prerequisite: Chemistry 121-122. Corequisite: Chemistry 233-234.

233-234. Modern Methods in Organic Chemistry (2-2). Preparation, separation, and identification of organic compounds. Use of modern instrumentation. Corequisite: Chemistry 231-232.

251. Analytical Chemistry I: Quantitative Analysis (3). Chemical equilibria, acid-base theory, oxidation-reduction, and an introduction into electrochemical techniques. Prerequisite: Chemistry 121-122. Corequisite: Chemistry 253.

253. Applications of Analytical Chemistry (2). Gravimetric and volumetric methods are presented in the laboratory with unknowns of acidmetry and alkalimetry, oxidation-reduction, iodimetry, and precipitation methods.

264. Principles of Physical Chemistry (3). Gas laws, properties of liquids, properties of solutions, thermodynamics, chemical kinetics, catalysis, electrochemistry, and colloidal solutions. Prerequisite: Chemistry 121-122. Corequisite: Chemistry 266.

266. Principles of Physical Chemistry Laboratory (1). Corequisite: Chemistry 264.

334. Organic Analysis (2). Identification of organic compounds and mixtures of organic compounds, and classification of organic compounds according to functional groups. Spectral methods are emphasized. Prerequisite: Chemistry 231-233.

336. Advanced Organic Chemistry (3). Stereochemistry, mechanisms, and selected topics. Prerequisite: Chemistry 231-232. *Offered in alternate years.*

341. Advanced Inorganic Chemistry (3). Atomic structure, theories of chemical bonding, spectrascopy, the electronic basis of periodic classification, and inorganic stereochemistry. Prerequisite: Chemistry 121-122, Mathematics 263. Corequisite or prerequisite: Chemistry 363.

343. Modern Coordination Chemistry (1). Coordination chemistry and inorganic reaction mechanisms. Corequisite: Chemistry 341.

354. Analytical Chemistry II: Instrumental Analysis (3). Absorption spectrometry, emission spectrometry, potentiometry, polargraphy, differential thermal analysis, and gas phase chromatography. Prerequisite: Chemistry 363, or consent of the instructor. Corequisite: Chemistry 356.

356. Analytical Chemistry II — Methods (1). Practical applications of chemical instrumentation. Corequisite: Chemistry 354.

363-364. Physical Chemistry (3-3). Kinetic-molecular theory, chemical thermodynamics, phase rule, chemical kinetics, nuclear chemistry, surface chemistry, and electrochemistry. Prerequisite: Chemistry 121-122; Mathematics 263. Corequisite: Chemistry 365-366. Corequisite or prerequisite: Chemistry 251.

365-366. Physio-Chemical Methods. (1-1). Corequisite: Chemistry 363-364.

372. Geochemistry (3). An introduction into the application of chemical principles of geological systems: carbonate equilibria, clay colloid chemistry, Eh-pH diagrams, chemical weathering, organic materials in sediments, and phase diagrams. Prerequisite: Chemistry 363 or consent of instructor. (Same as Geology 372.) ***Offered on demand.***

391. Molecular Design of Life (3). A study of biological macromolecules: proteins, nucleic acids, polysaccharides, and complex lipids. Topics will focus on molecular structure and function of globular and fibrous proteins, nucleic acids, and cellular membranes. Prerequisites: Chemistry 231-232, Biology 131.

392. Regulation and Integration of Metabolism (3). Basic concepts and design of carbohydrate, amino acid, lipid, and nucleotide metabolism. Focus will be on key enzymes in each metabolic pathway to illustrate the energetics and the major strategies for the regulation and integration of metabolic activity. Prerequisites: Chemistry 231-232, Biology 131.

393. Information Transfer (3). DNA structure, repair, and replication. RNA synthesis and splicing. Protein synthesis and targeting. Gene rearrangements and recombinations. Control of gene expression. This course will focus on the organic and physical chemical aspects of information transfer. Examples of the methodology involved in the elucidation of the mechanisms of information transfer in biological systems will be emphasized. Prerequisites: Chemistry 391, 392.

395. Molecular Design of Life Laboratory (1). Experiments for this course will focus on the analysis, purification, and characterization of macromolecular biomolecules. Corequisite: Chemistry 391.

396. Regulation and Integration of Metabolism Laboratory (1). The experiments are designed to familiarize students with the principles that relate to the dynamics and regulation of metabolic activity. Corequisite: Chemistry 392.

403-404. Undergraduate Research (1 to 3 — 1 to 3). Approved students only.

405-406. Independent Study (1 to 3 — 1 to 3). Approved students only.

411-412. Special Topics in Chemistry (1 to 3 — 1 to 3). Approved students only.

451-452. Internship (1 to 3 — 1 to 3). Practical experience and training with selected research, educational, governmental and business institutions. Prerequisite: consent of instructor.

491-492. History & Literature of Chemistry (2-2). Designed to review and integrate basic chemical knowledge in conjunction with an oral and written presentation of scientific works. History of chemistry and the proper use of chemical literature are included. Prerequisite: Chemistry 251 and 264 or 363.

COMPUTER STUDIES

Professors:	**ALLEN D. BISHOP, JR., Ph.D., Chair** **JIMMIE M. PURSER, Ph.D.** **ROBERT A. SHIVE, JR., Ph.D.**
Associate Professors:	**CLOYD L. EZELL, Ph.D.** **THOMAS E. PRITCHARD, Ph.D.**
Assistant Professor:	**ROBERT W. McCARLEY, M.S.**

Requirements for Major: Computer Studies majors must take the following core of courses: Computer 140, 182, 210, 240, 250, proficiency in a second computer language (excluding BASIC), 491 and 492. The proficiency in a second language can be satisfied by passing a departmental examination in that language, or taking one of the 200 level language courses (220, 230 or 245). In addition, they must take 21 hours above the computer core which must include a minimum of 12 hours of 200 level or higher computer courses and the remaining hours from the following groups: Mathematics 335, 346, 351, 386, 388, 389; Accounting 281, 282, 394; Administration 333, 334, 338; Physics 218, 316, 318. Majors are also required to take either Mathematics 172 or 336 or Administration 275 to meet the departmental statistics requirement. Candidates for the B.S. degree must also take Mathematics 262-263. A grade below C will not be accepted for any of the above courses required of a computer studies major.

Requirements for Minor: A student may elect a minor in computer studies with 12 hours of computer courses above the degree requirement. These courses must include Computer 182.

100. Introduction to Computing (1). A brief introduction to the timesharing language BASIC. Designed to enable the student to utilize the computer in several disciplines.

105. Computer Survival (3). Introduction to the use of computer software and hardware including an introduction to operating systems, editors, electron mail, word processing, spread sheets and online statistical packages available on the campus network. The course emphasizes problem solving in the utilization of computer resources.

140. Introduction to Computer Programming (3). Introduction to structured Programming using the language Pascal. Emphasizes program development using top down design, procedures and functions, assertions and clear documentation. Prerequisite: Computer 182 or consent of instuctor.

182. Introduction to Computer Science (3). Introduction to computer history, organization and architecture, file structures, record I/O, data communications, algorithms, structured programming, number systems and elementary data structures.

210. Computer Organization and Machine Programming (3). Discussion of fundamentals of computer hardware organization and symbolic coding with assembly systems. Prerequisite: Computer 182.

220. Programming in FORTRAN (3). FORTRAN programming including software design and development techniques. Prerequisite: Computer 140 or consent of instructor.

230. Computer Programming in COBOL(3). Programming in COBOL including data acquisition, file structure, table handling, and interactive processes. Prerequisite: Computer 140 or consent of instructor.

240. Advanced Computer Programming (3). Data abstraction and object oriented design. Use of modules for information hiding. Recursion and dynamic data allocation. Program correctness and concurrency. Uses the Modula-2 programming language. Prerequisite: Computer 140.

245. Computer Programming in C (3). Programming in C. Language elements, functions and structure, data types, arrays and pointers, recursion, and files. Prerequisite: Computer 140 or consent of instructor.

250. Data Structures (3). Basic concepts of data, linear and orthogonal lists, trees, representations of trees and graphs, searching and sorting techniques, data structures in programming languages and organization of files. Examples and programming will utilize the Pascal language. Prerequisites: Computer 140 and 182.

274. Introduction to File Processing (3). Introduction to file processing. Files, blocking, compaction and date bases. Sequential and random access. File I/O and data structures Prerequisites: Computer 182, 250 and 230 or consent of instructor.

312. Comparison of Programming Languages (3). Formal definition of programming languages. Properties of languages including the scope of declarations, storage allocations, groupings of statements, binding time, subroutines, coroutines. List processing, string manipulation and data descriptions. Prerequisites: Computer 182 and 250. *Offered in alternate years.*

342. Theory and Design of Operating Systems (3). Multiprogramming and multiprocessing systems. Mapping and binding of address. Storage management. Process and resource control. Analysis of file structures and file management. Prerequisites: Computer 210 and 250. *Offered in alternate years.*

346. Language Structures and Compiler Theory (3). Techniques of compiler design. Scanning and parsing of languages described by regular and context free grammar. Lexical analysis, code generation, error recovery and optimization techniques. Prerequisite: Computer 250. *Offered in alternate years.*

354. Computer Graphics (3). Design, construction and utilization of interactive computer graphics. Device independent development of two and three dimensional transformations, clipping, windows, perspective, hidden lines and modeling. Graphics examples are developed in REGIS and GKS. Prerequisite: Computer 182. *Offered in alternate years.*

356. Techniques of CBE (3). Pedagogical development of Computer Based Education. Development tools, graphics, use of color, program evaluation. Program development and examples will make use of the DAL programming language as well as REGIS graphics. Prerequisite: Computer 182. *Offered in alternate years.*

362. Data Communications (3). Theoretical and practical factors in data communications including communications equipment, communications codes, error effects, protocols and architecture, and network design. Prerequisite: Computer 182.

374. Data Base Management (3). Organization and maintenance of sequential, random access and indexed sequential data base systems. Design of on-line file systems. Directories, hashing, inverted files and other data base management techniques. Prerequisites: Computer 182 and Computer 230 or consent of instructor.

382. Systems Analysis and Design (4). Systems development life cycle. HIPO, Top-Down approaches, decision tables. Data collection and analysis. Systems planning and design. File and data base organization. Computer system evaluation and selection. This course has a writing component. Prerequisite: Computer 182.

386. Artificial Intelligence (3). Concepts and techniques of artificial intelligence. Production systems and pattern matching. Search strategies and heuristics. Knowledge representation. Logic. The LISP language is utilized in this course. Prerequisite: Computer 250. *Offered in atlernate years.*

388. Discrete Structures (3). Algebras and algorithms. Lattices and Boolean Algebras. Graphs and diagraphs. Monoids and groups. Prerequisites: Computer 140 and 182 and Math 224 or 226 (Same as Math 388). *Offered in alternate years.*

391. Computer Architecture (3). Comparative architectures. System structure and evaluation. Memory and process management. Resource allocation, name management, protection, and concurrent processes. Prerequisite: Computer 210. *Offered in alternate years.*

401-402. Directed Study (1 to 3 — 1 to 3) Prerequisite: consent of instructor.

411-412. Selected Topics (1 to 3 — 1 to 3) Prerequisite: consent of instructor.

451-452. Internship (1 to 3 — 1 to 3) Practical experience and training with selected research, educational, governmental and business institutions. This course cannot be used to meet the computer major requirments. Prerequisite: consent of department chairman.

491-492. Seminar (1-1) Discussion of current problems in computing. Prerequisite: consent of the instructor.

GEOLOGY

Associate Professor: **DELBERT E. GANN, Ph.D., Chair**
Assistant Professor: **EDWARD L. SCHRADER, Ph.D.**

Requirements for Major: Geology 101-102, 200, 201, 203, 221, 250, 304, and six semester hours of field geology. The field geology, S471, six hours, may be taken at another university. Majors must take Mathematics 160-161, Chemistry 121-122 (and laboratories 123-124), and Physics 131-132 or Physics 111-112 (and laboratories 151-152). Additional courses are suggested in mathematics, chemistry, computer studies, general biology, and physics. Natural Science 201-202 may not be counted toward a geology major.

101. Physical Geology (4). The earth, the rocks which comprise its surface, erosional and depositional processes, volcanism, deformation, and economic deposits. One field trip. Three lecture hours and two laboratory hours.

102. Historical Geology (4). The successive events leading to the present configuration of the continental masses, accounting for the kinds and distribution of surface rocks and minerals. Three lecture hours and two laboratory hours. Prerequisite: Geology 101, or consent of department.

200. Crystallography (3). Unit cell dimensions of the crystallographic systems illustrated by mineral crystals, laboratory-grown crystals, geometric models, x-ray structure, stereographic projections, and goniometric measurements. Two lecture hours and two laboratory hours. Prerequisite: Geology 101.

201. Mineralogy (4). Geometrical, physical and chemical properties, genesis, and atomic structures of minerals. Use is made of a spectroscope, density balances, and x-ray equipment. A valuable elective for chemistry majors. Three lecture hours and two laboratory hours. Prerequisites: Geology 200 and Chemistry 121-122 (and laboratories) or consent of instructor.

203. Petrology (4). Introduction to the origins, processes, occurrences, associations, structures, compositions, and classifications of rocks. The emphasis is on megascopic and microscopic identification of igneous, sedimentary, and metamorphic rocks. Technical writing experiences will also be explored culminating in the preparation of a scientific grade term paper. Three lecture hours and two laboratory hours. Prerequisite: Geology 101 or consent of instructor.

211. Geomorphology (3). A more detailed treatment of land forms than provided in Geology 101. The physiographic provinces and sections of the United States are studied systematically, but most emphasis is placed on the coastal plain. Two lecture hours and two laboratory hours. Prerequisite: Geology 101-102. *Offered in alternate years or on demand.*

221. Invertebrate Paleontology (4). Classification and morphology of fossil invertebrates with reference to evolutionary history and environment. Field trips to collect the diagnostic fossils in Mississippi. Three lecture hours and two laboratory hours. Prerequisite: Geology 101-102. *Offered in alternate years.*

250. Principles of Stratigraphy/Sedimentation (4). Rock sequences treated in greater detail than in Historical Geology. Lithologic and paleontologic facies of various parts of the United States and basic sedimentological principles. Three lecture hours and two laboratory hours. Prerequisite: Geology 101-102.

301. Economic Geology (4). The chief economic rocks and minerals of the United States and other countries, with consideration of their stratigraphy, genesis, value, and use. Three hours lecture and two laboratory hours. Prerequisite: Geology 101-102, 200 and 201. *Offered in alternate years or on demand.*

302. Petroleum Geology (3). The applications of geology to the petroleum industry, theories on origin, problems in migration, oil traps, and occurrences of oil and gas. Several Mississippi oil and gas fields will be discussed in detail. Two hours lecture and two hours laboratory. Prerequisite: Geology 101-102. *Offered in alternate years or on demand.*

304. Structural Geology (4). Structural features of the rocks comprising the earth's crust, their origin, and their relations to economic geology. Three lecture hours and two laboratory hours. Prerequisite: Geology 101-102 or consent of instructor.

311. Igneous and Metamorphic Petrology (4). A petrologic study of the megascopic and microscopic characteristics of igneous and metamorphic rocks and their use in rock classification. Practice in identification through the use of hand specimens and thin sections. Two lecture hours and four laboratory hours. Prerequisite: Geology 200 and 201 or consent of instructor. *Offered in alternate years or on demand.*

321. Sedimentary Petrology (4). Unconsolidated and consolidated sedimentary rocks as determined by megascopic and microscopic mineralogy, x-ray, spectrochemical and differential thermal analyses, mechanical analyses, genesis, and classification. Two lecture hours and four laboratory hours. Prerequisite: Geology 312 or consent of the instructor. *Offered in alternate years or on demand.*

372. Geochemistry (3). (Same as Chemistry 372.)

412. Optical Mineralogy (4). An introduction to the petrographic microscope, especially to the reflective, refractive, and polarizing properties of light for the identification of mineral fragments and minerals in thin sections. Two lecture hours and four laboratory hours. Prerequisite: Geology 200 and 201.

S471. Field Geology (6). Practical training in the standard methods of geologic field work. Prerequisite: To be determined by the university or universities operating the course. Prerequisite: The probable equivalent of Geology 101, 102, 211, 212, and Geology 200, 201, and 221. *Offered each summer.*

401. Special Problems (1-3).

402. Special Problems (1-3). Open to advanced students who have individual problems in the field or in the laboratory. Prerequisite: consent of instructor.

403. Field Methods (1). A course designed to introduce field geology and familiarize geology majors with plane table and alidade, Brunton compass, field mapping procedures for the summer field program in S 471.

404. Directed Study (1-3). Open only to approved students.

408. Geochemistry and Pollution of Natural Waters. Introduction to the geochemical processes and mechanisms of natural waters and the effects of common forms of pollution on the natural system. Pollution Remediation Techniques are discussed. Prerequisite: Chemistry 122, Geology 101, or approval of instructor.

MATHEMATICS

Professor:	**ROBERT A. SHIVE, JR., Ph.D.**
Associate Professor:	**KATHLEEN ANN DRUDE, Ph.D., Chair**
Assistant Professors:	**ALAN S. GRAVES, Ph.D.** **MARK J. LYNCH, Ph.D.** **HERMAN L. McKENZIE, M.S.**
Instructors:	**GAYLA DANCE, M.A.** **MARTHA A. GOSS, M.A.**

Requirements for Major: In addition to Mathematics 263 and the senior seminar, a major is required to take a minimum of six three-hour courses in the 300-series with a grade of C or better. Work in the major field not taken in residence must be approved by the department.

Requirements for Minor: A student may elect a minor in mathematics with the minimum of three courses in the 300-series in addition to Mathematics 263.

103. Foundations of Mathematics I (3). Designed primarily for liberal arts majors. Includes the structure of the real number system and its subsystems, measurement, geometry, probability, statistics, logic, and the Basic computer language.

104. Foundations of Mathematics II (3). A continuation of Mathematics 103, this course will also give a review of high school algebra. Prerequisite: Mathematics 103.

140. College Algebra (3). Algebraic techniques, coordinate geometry, functions and relations and their graphs, and common logarithms. A preparatory course for Mathematics 150 and 155. Credit is not allowed for both Mathematics 140 and Mathematics 160. Prerequisite: high school geometry, second year high school algebra or departmental approval.

145. College Trigonometry (3). The basic analytic and geometric properties of the trigonometric functions are studied. A preparatory course for the Calculus sequence. Credit is not allowed for both Mathematics 145 and Mathematics 160. Prerequisite: Mathematics 140 or departmental approval.

150. Finite Mathematics (3). Combinations and permutations, probability theory, linear algebra, linear programming, logic and other topics. Prerequisite: Second year high school algebra or departmental approval.

155. Survey of Calculus (3). Limits, the derivative, applications of the derivative with focus on applications in business and the social sciences, antiderivatives and applications of the antiderivative. Credit is not allowed for both Mathematics 155 and Mathematics 161. Prerequisite: Mathematics 140, 150 or 160, or departmental approval.

160. Precalculus (4). The basic analytic and geometric properties of the algebraic and trigonometric functions with a heavy emphasis on the latter. A preparatory course for the calculus sequence. *Students who need a review of algebra techniques should take Mathematics 140 and Mathematics 145 instead of Mathematics 160.* Credit is not allowed for either Mathematics 140 or Mathematics 145 and Mathematics 160. Prerequisite: high school geometry, second year high school algebra or department approval.

161. Analytic Geometry and Calculus I (4). Limits, the derivative, applications of the derivative, antiderivatives, conic sections. Credit is not allowed for both Mathematics 155 and Mathematics 161. Prerequisite: Mathematics 160, 140-145 or departmental approval.

172. Elementary Statistics (3). A course concerned with the description of sample data, elementary probability, testing hypotheses, correlation, regression, the chi-square distribution, and analysis of variance. Prerequisite: Mathematics 103, 140, 150 or 160.

262. Analytic Geometry and Calculus II (4). Integrals, applications of the integral, the calculus of exponential and logarithmic functions, the calculus of trigonometric and inverse trigonometric functions, techniques of integration, indeterminate forms and improper integrals. Prerequisite: Mathematics 161 or departmental approval.

263. Analytic Geometry and Calculus III (4). A continuation of Mathematics 161-262. Infinite series, partial derivatives, multiple integrals. Prerequisite: Mathematics 262.

325-326. Advanced Calculus I and II (3-3). Topological concepts and a rigorous treatment of continuity, integration, differentiation, and convergence in n-dimensional Euclidean space. Prerequisite: Mathematics 263. *Offered in alternate years.*

335. Probability (3). The concept of sample space. Discrete and continuous probability distributions. Independence and conditional probability. Characteristics of distributions. Prerequisite: Mathematics 262. *Offered in alternate years.*

336. Mathematical Statistics (3). Distributions of discrete and continuous random variables. Moment-generating functions. Sampling distributions and parameter estimation. Prerequisite: Mathematics 335. *Offered in alternate years.*

345. Abstract Algebra (3). Congruences, groups, rings, ideals, isomorphisms, and homomorphisms, fields, equivalence. Prerequisite: Mathematics 262. *Offered in alternate years.*

346. Linear Algebra (3). Vector spaces and linear transformations. Algebra of matrices. Systems of linear equations. Eigenvalues and eigenvectors. Prerequisite: Mathematics 262.

351. Differential Equations (3). Differential equations of the first and higher orders, with applications to geometry, physics, and mechanics. Prerequisite: Mathematics 262.

352. Electronic Analog Computer (1). Linear components, time-scale and amplitude-scale factors, non-linear components, and function-generating techniques. One lecture period and one laboratory period per week. Prerequisite: Mathematics 351.

361. College Geometry (3). A study of advanced topics in Euclidean geometry, and an introduction to non-Euclidean geometries. Prerequisite: Mathematics 161. *Offered in alternate years.*

371. Introductory Topology (3). Topological spaces, metric spaces, Hausdorff spaces, compactness, continuous mappings. Prerequisite: Mathematics 263. *Offered in alternate years.*

381. Operations Research I (3). Linear, dynamic, and integer programming. Simplex method and applications. Duality, area sensitivity analysis, and parametric programming. Prerequisite: Mathematics 346 or consent of instructor.

382. Operations Research II (3). Decision theory and game theory. Queueing theory, networks and scheduling problems. Simulation, non-linear programming. Prerequisite: Mathematics 381 or consent of instructor.

386. Numerical Analysis (3). Solution of non-linear equations and systems of linear equations. Error analysis. Numerical integration and differentiation. Solution of differential equations. Interpolation and approximation. Prerequisite: Mathematics 351, and knowledge of a programming language or consent of instructor. *Offered in alternate years.*

388. Discrete Structures (3). Algebras and algorithms. Lattices and Boolean Algebras. Graphs and diagraphs. Monoids and groups. Prerequisites: Computer 182 and Mathematics 262. (Same as Computer 388.) *Offered in alternate years.*

389. Mathematical Models (3). Model construction, linear optimization, chains, graphs and networks, and growth processes. Practical aspects of model building. Applications. Prerequisites: Mathematics 262 or consent of instructor. *Offered in alternate years.*

391-392. Selected Topics in Mathematics (3-3). Chosen from areas such as applied mathematics, number theory, complex variables, foundations of mathematics, and history of mathematics. Prerequisite: consent of department chair.

401-402. Directed Study (1 to 3 — 1 to 3). Reading and research in advanced mathematics. Prerequisite: consent of department chair.

491-492. Seminar (1-1). Discussions of topics of interest.

PHYSICS AND ASTRONOMY

Assistant Professors: **ROBERT T. McADORY, JR., Ph.D., Chair**
ASIF KHANDKER, Ph.D.

Requirements for Major: Physics 131-132, 151-152, 231, 311-312, 316, 331-332, 336, 371-372, 491-492, Mathematics 263, 351, and an approved computer course. Prospective majors should take 131-132 no later than the sophomore year. Students who have taken 111-112 may be considered for the major provided the mathematics requirements are met and the consent of the department chairman is obtained. No student may receive credit for both 111 and 131 or for both 112 and 132.

Requirements for Minor: A student may elect a minor in physics with 12 hours of physics courses beyond the degree requirements. These hours must derive from courses at or above the 200 level and be approved by the department chairman.

Mathematics Requirement: Students interested in maintaining the option of study in physics or related fields (e.g. pre-engineering) are urged to begin their mathematics course work at Millsaps as early as possible and at the highest level possible.

PHYSICS

111-112. General Physics (3-3). Fundamentals of mechanics, heat, electricity and magnetism, optics, acoustics, and atomic and nuclear physics. Three lecture periods per week. A non-calculus course intended primarily for majors in the biological and health sciences. Prerequisite: Mathematics 160 or equivalent. Corequisite: Physics 151-152.

131-132. Classical Physics (4-4). Mechanics, heat, electricity and magnetism, optics and acoustics, covered more rigorously than in 111-112 and making use of elementary calculus. Four lecture periods per week. Corequisites: Physics 151-152 and Calculus.

151-152. Physics Laboratory (1-1). Experiments to accompany either of the two introductory physics courses listed above. One laboratory period per week. Corequisite: Physics 111-112 or 131-132.

200. Crystallography (3). Unit cell dimensions of the crystallographic systems illustrated by mineral crystals, laboratory-grown crystals, geometric models, x-ray structure, stereographic projections, and goniometric measurements. Two lecture hours and two laboratory hours. (Same as Geology 200.)

211-212. Special Topics or Laboratories in Physics (1 to 3 — 1 to 3). Deals with areas not covered in other courses or laboratories. Aimed primarily at sophomores and juniors at an intermediate physics level. Prerequisite: consent of instructor.

231-232. Modern Physics (3-3). An introduction to quantum physics and the special theory of relativity, with applications to atoms, molecules, solids, nuclei and particles. Prerequisite: Physics 132 or consent of instructor.

311-312. Electricity and Magnetism (3-3). Charges, currents, electric and magnetic fields in vacuum and in material media, Maxwell's equations, and electromagnetic waves. Prerequisite: Physics 132 or consent of instructor. Corequisite: Mathematics 351. *Offered in alternate years.*

315. Optics (3). Principles of physical optics, optical systems, and lasers. Two lecture periods and one laboratory period per week. Prerequisite: Physics 132 or consent of instructor. *Offered in alternate years.*

316. Electronics for Scientists (4). Fundamentals of electronic circuits and the use of basic laboratory instruments. Two three-hour lecture/laboratory periods per week. Prerequisite: Physics 132 or consent of instructor. *Offered in alternate years.*

318. Digital Electronics (3). Introduction to electronic processing of digitally coded information. Includes binary arithmetic, Boolean algebra, logic gates, storage elements and sequential logic, memory and processor circuits, microcomputer organization. One three-hour lecture/laboratory plus two hours of independent laboratory work per week. Prerequisite: Physics 316 and an introductory computer programming course or consent of the instructor. (Same as Computer 318.)

331-332. Classical Mechanics (3-3). The Newtonian formulation of mechanics, including applications to linear, nonlinear and driven oscillators, central forces and the kinematics of two-particle collisions, the Lagrangian formulation of mechanics and the theory of rotating frames of reference and systems. Prerequisites: Physics 132 or consent of instructor. Corequisite: Mathematics 351. *Offered in alternate years.*

336. Thermal Physics (3). An introduction to equilibrium statistical mechanics with implications for thermodynamics and the kinetic theory of gases. Prerequisite: Physics 231 or consent of instructor. *Offered in alternate years.*

342. Quantum Mechanics (3). Wave packets and the Schrodinger equation. Axiomatic formulation of quantum mechanics. Operator methods in quantum mechanics. Matrices and spin. The emphasis will be on the mathematical formalism rather than the philosophical implications.

371-372. Advanced Physics Laboratory (1 to 3 — 1 to 3). Experimental or theoretical laboratory involving nonlinear systems, optics, and other topics. Prerequisite: consent of instructor.

401-402. Special Problems (1 to 3 — 1 to 3). The student may begin to study topics of interest through readings and research. Prerequisite: consent of instructor.

403-404. Undergraduate Research (1 to 3 — 1 to 3). The student may continue to study topics of interest through readings and research. Prerequisite: Physics 401-402 or consent of the instructor.

411-412. Special Topics or Laboratories in Physics (1 to 3 — 1 to 3). Deals with areas not covered in other courses or laboratories. Aimed primarily at juniors and seniors at the intermediate or advanced physics level. Prerequisite: consent of the instructor.

451-452. Internship (1 to 3 — 1 to 3). Practical experience and training with selected research, educational, governmental and business institutions. Prerequisite: consent of the instructor.

491-492. Seminar (1 to 2 — 1 to 2). Designed to review and integrate basic physics knowledge in conjunction with an oral and written presentation of scientific work. Prerequisite: consent of the instructor.

ASTRONOMY

101-102. General Astronomy (4-4). A study of the earth, moon, time, the constellations, the solar system, the planets, comets, meteors, the sun, the development of the solar system, and the sidereal universe. Three hours of lecture and one observatory period.

301-302. Practical Astronomy (3-3). Spherical astronomy and the theory of astronomical instruments with exercises in making and reducing observations. One lecture and one double laboratory period per week. Prerequisite: Astronomy 101-102 and consent of the instructor. *Offered on demand.*

Special courses and opportunities for independent study or research in astronomy will be offered under the appropriate physics course number.

Social and Behavioral Sciences

EDUCATION

Professor:	**JAMES A. MONTGOMERY, Ed.D.**
Associate Professors:	**JEANNE MIDDLETON FORSYTHE, Ed.D., Chair**
	MARY ANN EDGE, Ed.D.
	MARLYS T. VAUGHN, Ph.D.
Assistant Professor:	**THOMAS L. RANAGER, M.Ed.**
	CONNIE SCHIMMEL, Ph.D.

Requirements for the Elementary Education major: ED 205, 215, 300, 305, 310, 315, 320, 335, 340, 345, 350, 400, 480, and HPE 315 or 335, plus 6 elective hours approved by the Department Chair.

Requirements for Secondary Education majors in Science or Math: ED 210, 215, 300, 325, 335, 340, 350, 400, 490, plus the courses required in each discipline. See the Chair of the Department of Education for exact course requirements.

Students who do not wish to major in Education but do wish to pursue teacher certification in Art, Bible, English, Foreign Language, Math, Music, Science, or Social Studies should see the Chair of the Department of Education.

205. Child Development (3). A study of the theories, principles, and characteristics of human development from conception to the period of adolescence.

210. Adolescent Development (3). A study of the theories, principles, and characteristics of human development from pre-adolescence to adulthood.

220. Current Issues in Education (3). A survey of the major issues currently influencing the practice of education at the local, state, national, and international level.

230-231. ASL/Deaf Culture (3-3). A study of the deaf community and beginning sign language skills in American Sign Language. The different sign methods, the linguistic structure of ASL, the experience of deaf people throughout history, and the impact and importance of ASL and deaf culture are addressed.

300. Foundations of Education (3). An overview of the foundations of (American) education, covering issues and policies related to the history and philosophy of education, the political, economic, and social dimensions of education, school law and finance, curriculum and instruction, and the teaching profession. The Mississippi Teacher Assessment Instrument (MTAI) is also introduced. Prerequisite: Junior status or consent of the Department Chair.

305. Elementary Classroom Methods and Management (3). A field-based study of the instructional methods and materials appropriate for use at the elementary school level, with emphasis on developing self-discipline in the classroom, effective classroom management, and mastery of the MTAI. A part of the Elementary Instructional Semester. Prerequisite: Junior status.

310. Math in the Elementary School (3). A study of the structure of the number system, including the vocabulary and concepts of sets, algebra, and geometry appropriate for the elementary school level. A part of the Elementary Instructional Semester. Prerequisite: Junior status.

315 Language Arts and Literature (3). Speaking, writing, and listening with special emphasis on linguistics. A part of the Elementary Instructional Semester. Prerequisite: Junior status.

320. Reading in the Elementary School (6). A comprehensive study of the components of the reading process with emphasis on the teaching skills and instructional methods appropriate to the cognitive and psychological levels of elementary school students. Prerequisite: Elementary Instructional Semester.

325. Secondary Classroom Methods and Management (6). A field-based study of the instructional methods and materials appropriate for use at the secondary school level, with emphasis on developing self-discipline in the classroom, effective classroom management, and mastery of the MTAI. A part of the Secondary Instructional Semester. Prerequisite: Junior status.

335. Measurement and Evaluation (3). A study of the methods used in the evaluation of student learning, including the construction and use of the classroom test, standardized tests, test terminology, and the administering, scoring, tabulation, and interpretation of test data. Prerequisite: Junior status.

340. Educational Psychology (3). The application of psychology to the process of teaching and learning. Prerequisite: Junior status.

345. Early Childhood Education (2). A study of the cognitive, affective, and psychomotor characteristics of the preschool child, and the design of the school curriculum to meet the developmental needs of the preschool child. A part of the Elementary Instructional Semester. Prerequisite: Junior status.

350. Survey of the Exceptional Child (3). A study of the exceptional child with emphasis on identification, diagnosis, and etiology. Includes objectives, organization, and administration of special education courses. Prerequisite: Junior status.

365. Philosophy of Education (3). A critical study of the essential nature of education with emphasis on the aims, method, and the place of human values in education. Same as Philosophy 365.

400. Seminar on Education (3). The study of the history, philosophy, and sociology of education with emphasis on current research and educational policy. Extensive reading and writing required. Prerequisite: Instructional Semester, or consent of department chair.

401. Special Topics (1-3). A course designed by the student and professor to give the student the opportunity to research topics of special interest. Prerequisite: Instructional Semester and consent of the professor.

410. Reading Diagnosis and Remediation (3). A study of the diagnostic techniques available to identify weakness in specific reading skills, and emphasis on remediation procedures. There is also emphasis on diagnostic tests and testing techniques. Prerequisite: Instructional Semester and ED 320 or 330.

415. Content Area Practicum (1-3). A course designed to give the student the opportunity to experiment with methods and theories of teaching and learning as they apply to a particular content area. The practicum combines school-based experience with consultation and supervision by education faculty and subject area faculty. The student may select the content area from the following: reading, math, science, social studies, art, music, or foreign language. The course may be repeated. Prerequisite: Junior status.

420. Education of the Gifted (3). A study of the social, emotional, physical, and intellectual characterisitcs of the gifted, including methods of identifying the gifted child. Prerequisite: Instructional Semester.

425. Methods and Materials for Gifted Education (3). A study of instructional methods and materials most useful for teaching the gifted. Prerequisite: Instructional Semester.

430. Methods and Materials for Early Childhood Education (3). A study of instructional methods and materials most useful for teaching the preschool child. Prerequisite: Instructional Semester.

450. Mississippi Education Update (3). A course designed for those educators who have been out of service for more than five years and who wish to have their teacher certification reinstated. The course follows the curriculum specified by the Commission on Certification, Mississippi State Department of Education.

480. Student Teaching in the Elementary School (12). Observation, participation, and student teaching at the elementary school (K-8) all day for twelve weeks. Prerequisite: Elementary Instructional Semester, ED 300, 335, and 340.

490. Student Teaching in the High School (12). Observation, participation, and student teaching at the high school (7-12) all day for twelve weeks. Prerequisite: Secondary Instructional Semester, ED 300, 335, and 340.

511-512. Selected Topics (3-3). Teaching Advanced Placement Biology, Calculus, English, or History.

HEALTH AND PHYSICAL EDUCATION

Activity Courses

A105-A106 Archery (1-1)
A107-A108 Weight Training for Men (1-1)
A109-A110 Weight Training for Women (1-1)
A111-A112 Karate (1-1)
A115-A116 Fencing (1-1)
A117-A118 Aerobics (1-1)
A119-A120 Dance (1-1)
A121-A122 Basketball (1-1)
A123-A124 Basic Gymnastics
A201-A202 Golf (1-1)
A211-A212 Bowling (1-1)
A221-A222 Tennis (1-1)

Varsity Athletics

A130 (First Year), A230 (Second Year), A330 (Third Year), A430 (Fourth Year). Varsity Golf. Open only to students who compete in varsity golf.

A140-A141 (First Year), A240-A241 (Second Year), A340-A341 (Third Year), A440-A441 (Fourth Year). Varsity Football. Open only to students who compete in varsity football.

A150-A151 (First Year), A250-A251 (Second Year), A350-A351 (Third Year). A450-A451 (Fourth Year). Varsity Baseball. Open only to students who compete in varsity baseball.

A160-A161 (First Year), A260-A261 (Second Year), A360-A361 (Third Year), A460-A461 (Fourth Year). Varsity Tennis. Open only to students who compete in varsity tennis.

A170-A171 (First Year), A270-A271 (Second Year), A370-A371 (Third Year), A470-A471 (Fourth Year). Varsity Basketball. Open only to students who compete in varsity basketball.

A181 (First Year), A281 (Second Year), A381, (Third Year), A481 (Fourth Year). Varsity Cross Country. Open only to students who compete in varsity cross country.

A190-A191 (First Year), A290-A291 (Second Year), A390-A391 (Third Year), A490-A491 (Fourth Year). Varsity Soccer. Open only to students who compete in varsity soccer.

Academic Courses

215. Foundations of Physical Education (3). A review of the foundations of modern physical education derived from its principles, philosophy, and history.

315. First Aid (3). A study of first aid to include safety skills and the appropriate techniques of immediate and temporary care which should be administered in the event of injury or sudden illness.

320. Principles and Methods of Secondary Health (3). A study of the characteristics of the secondary student, with emphasis on activities suited to the mental and physical needs of this age and the equipment and facilities required for a well-rounded program. A part of the HPE Instructional Semester.

325. Consumer Health (3). A study of personal health and the care of the body, including food, sanitation, diseases and contagion, vitamins, and hormones. Prerequisite: Junior status.

330. Motor Development and Movement Education (3). A study of how the body moves and what the body can do as applicable to children in grades K-6. Ways to recognize the stages of motor development in children and the preparation of activities for skills acquisition will be emphasized. *Offered in alternate years.* Prerequisite: Junior status.

335. Physical Education for the Elementary Grades (3). A study of the characteristics of the elementary school child, with emphasis on activities suited to the mental and physical needs of this age and the equipment and facilities required for a well-rounded program. Prerequisite: Junior status.

340-341. Teaching Individual and Team Sports (3-3). A study of the rules and regulations of different sports, including the opportunity to supervise instruction of each sport. A student not majoring in Health and Physical Education may enroll in the activity-hour of this course alone.

345. Coaching and Officiating of Football (3).

350. Coaching and Officiating of Basketball (3).

355. Rhythms (3). A study of the scope, content, and methodology of the rhythms and dance program. Emphasis is on the creative and aesthetic values therein, and the integration and coordination with the other arts in the school curriculum (K-12). Prerequisite: Junior status. *Offered in alternate years.*

360. Physical Education for the Exceptional Child (3). A study of the concept and development of physical education programs for the exceptional child. *Offered in alternate years.* Prerequisite: Junior status.

365. Principles of Athletic Administration (3). Analysis of the administration of physical education programs at the elementary and secondary levels. Prerequisite: Junior status.

370. Institutional and Community Recreation (3). Techniques and theories of directing church and other institutional and community recreation programs, with special emphasis on designing programs for all age groups.

POLITICAL SCIENCE

Associate Professor: **JOHN QUINCY ADAMS, J.D., Chair**
Assistant Professor: **IREN OMO-BARE, Ph.D.**

Requirements for Major: Political Science 101, 102, 201, 202, 271, 341, 342, 351, 352 and 491. Computer Studies 105 is strongly recommended. Majors must have a 2.50 average in political science course work.

Requirements for Minor: A student may elect a minor in political science with a minimum of 18 semester hour from the following courses: Political Science 101 and 102, either 201 or 202, either 261 or 341, and two courses from 112, 311, 351-352.

Special Programs: In conjunction with American University, students may enroll in the Washington Semester. For further information see the section on Special Programs.

101. American Government I (3). A systems analysis of our national political environment, inputs, and decision-making agencies, involving study of federalism, political parties, Congress, the Presidency, and the judiciary.

102. American Government II (3). Output analysis of civil liberties and national fiscal, regulatory, grant-in-aid, social, defense, and foreign policies.

112. State and Local Government (3). Urban democratic theory, community power analysis, and institutions and policies. *Offered in alternate years.*

115. Mississippi Civil Rights and Politics Since 1950. (3). *Offered in alternate years.*

201. Political Theory I (3). Classical theory from the Greeks through the Protestant Reformation.

202. Political Theory II (3). Hobbes, Locke, and Rousseau through the early Twentieth Century political philosophers.

261. International Relations (3). Issues, strategies, and theories of international politics including the concepts of national interest and national defense, imperialism, balance of power, economics, and international cooperation. *Offered in alternate years.*

262. U.S. Foreign Policy (3). Including diplomatic, military, and economic aspects developed within the context of current issues. *Offered in alternate years.*

265. U.S. Diplomatic History (3). *Offered in alternate years.*

271. Scope and Methods (4). The nature of the discipline, library research techniques and utilization of statistics in political science.

311. American Political Parties (3). Functions, organization, nominations, campaigns, and voting rights and behavior, with attention to Mississippi politics. *Offered in alternate years.*

338. Public Administration (3). Theory and application of planning, organizing, staffing, directing, coordinating, reporting and budgeting in public agencies. *Offered in alternate years.*

341. Comparative Government I (3). General comparative theory as applied to the political cultures and institutions of Great Britain, France, and West Germany. Prerequisite: Political Science 101.

342. Comparative Government II (3). General comparative theory as applied to the political cultures and institutions of the Soviet Union and other nations. Prerequisite: Political Science 341.

351. Courts and the Constitution I (3). Constitutional politics, the judicial process, court operation, and constitutional relationships among the three branches of government. Prerequisite: Political Science 101 and 271.

352. Courts and the Constitution II (3). Equal protection, criminal due process, and first amendment freedoms. Prerequisite: Political Science 351.

364. International Law and Organization (3). World order in a legal setting. *Offered in alternate years.*

401-402. Directed Reading (1 to 3 — 1 to 3).

403-404. Undergraduate Research (1 to 3 — 1 to 3).

405-406. Independent Study (1 to 3 — 1 to 3).

411-412. Special Topics Course (1 to 3 — 1 to 3).

453-454. Constitutional Liberties Internship (3). Placement with a law firm or government agency to work as an aide. Prerequisites: Political Science 351 and 352.

456. Public Administration Internship (3). Placement with a federal, state, or local government office to work at the middle management level. Prerequisite: Political Science 338.

491. The Senior Seminar: Modern Theory (2). Reading, reports, and discussion on the state of the discipline of political science. Includes contributions by other disciplines to politics.

492. Advanced American Government (3). Seminar for senior majors.

PSYCHOLOGY

Professor: **EDMOND R. VENATOR, Ph.D., Chair**
Assistant Professor: **STEPHEN T. BLACK, Ph.D.**

Requirements for Major: A minimum of 26 semester hours in the department. Required courses are 202, either 203 or 204, 213 or 231, and 305, 306, 314, 315, and 491-492. Under unusual circumstances students may substitute an elective course for a required course if they pass an examination on the subject matter covered by the required course.

This special examination will be administered by the department chairman and must be passed before the student is eligible to take the comprehensive examination. The student successfully taking this special examination will receive no additional course credit toward the degree.

Requirements for Minor: A student may elect a minor in psychology with any 12 semester hours beyond Psychology 202 and approval of the department chairman.

Requirements for combined major in Psychology-Sociology: A minimum of 41 semester hours in the two departments. A combined major in Psychology and Sociology, with a concentration in Psychology, requires completion of the following courses: Psychology 202, 203, 204, 206, 213, 305, 306, 314, 315, 491; Sociology 101, 221, 371, 493. An internship in the area of the student's interest is strongly recommended.

202. Introduction to Psychology (3). Methods of studying behavior in the areas of learning, intelligence, maturation, personality, emotions, and perception. Not generally recommended for freshmen.

203. Abnormal Psychology (3). Considers man's deviations from the normal, environmental correlates of such deviations, and corrective procedures. Prerequisite: Psychology 202.

204. Theories of Personality (3). Consideration of the whole spectrum of personality theories, including Freudian, humanistic, existential, and behavioristic models. Prerequisite: Psychology 202.

206. Social Psychology (3). Principles of communication, group interaction, and human relations. Prerequisite: Psychology 202.

208. Psychology of Behavioral Change (1). Ideas, principles, and techniques of behavioral change, especially self-change, will be explored. Students will make a close observation of their lives and life priorities, and will conduct systematic self-change (self-control) projects. Consent of instructor.

212. History and Systems (3). Emphasis on the outstanding systems of psychological thought as exemplified by both past and contemporary men in the field. Prerequisite: Psychology 202.

213. Psychology of Motivation (3). Emphasizes the initiation of a sequence of behavior, including its energization, selection, and direction. Examines both theory and research findings involving biological and social controls of behavior. Prerequisite: Psychology 202. *Offered in alternate years.*

214. Developmental Psychology (3). Emphasizes development across the life-span. Special attention is paid to interactionist perspectives that integrate physical, cognitive, and psycho-social age-related changes throughout the life-cycle.

220. Cognitive Processes (3). An examination of the processes of thinking, reasoning, problem solving, concept formation, memory, hypnosis, and parapsychology. Prerequisite: Psychology 202.

231. Perception (3). Perceptual phenomena and the theories which have been constructed to explain them. Prerequisite: Psychology 202. *Offered in alternate years.*

305. Experimental Psychology I (4). Statistics for the behavioral sciences, with emphasis on inferential techniques and interpretation of data. Laboratory emphasizes computer analysis of data and introduction to techniques of psychological research, including literature search and review, design, and writing. Required lab. Prerequisite: Psychology 202.

306. Experimental Psychology II (4). Introduction to philosophy of science; principles and problems in the design of experiments; interpretation of experimental research; and technical writing. Content areas include psychophysics, scaling and sensory systems. Required lab. Prerequisite: Psychology 305.

307. Physiological Psychology (4). The neuroanatomical correlates and physiological processes underlying psychological activity, including physiological factors in learning, emotion, motivation, and perception. Prerequisite: Psychology 202.

312. Operant Conditioning Laboratory (1). Experience with the techniques of operant conditioning. Student will work one on one with a rat and explore several schedules of reinforcement. Prerequisite: Psychology 202 and consent of instructor.

314. Learning (3). Human verbal learning, memory and transfer. Principles and theories of respondent and operant conditioning and their interactions. Prerequisite: Psychology 202.

315. Psychological Tests and Measurements (3). Prerequisite: Psychology 202 and Psychology 305.

316. Basic Circuitry and Instrumentation in Behavioral Research (1). Research applications of equipment in common use in psychology laboratories. The student will devise and construct simple circuitry. Consent of instructor.

401-402. Directed Reading (1 to 3 — 1 to 3). Prerequisite: consent of the instructor.

403-404. Undergraduate Research (1 to 3 — 1 to 3). Prerequisite: consent of the instructor.

411-412. Special Topics. (1 to 3 — 1 to 3).

451-452. Internship (1 to 3 — 1 to 3). Prerequisite: consent of instructor.

453-454. Teaching Practicum (3). As a member of a teaching team, the student will attend all classes of the introductory Psychology course and will lead a tutorial group composed of a portion of the students enrolled in the same introductory course. Prerequisite: selection by instructor.

491-492. Seminar (1—2). Reading of selected books and articles as a basis for critical classroom discussion. Prerequisite: Psychology 305-306.

SOCIOLOGY AND ANTHROPOLOGY

Associate Professors: **ALLEN SCARBORO, Ph.D., Chair**
FRANCES HEIDELBERG COKER, M.S.

Assistant Professors: **GEORGE BEY, Ph.D.**
HAMMED SHAHIDIAN, Ph.D.

Requirements for Major: A minimum of 27 semester hours in the department. Required courses are 101, 151, 281, 282, 371, 492, 493 and any other two courses offered by the department. Majors are encouraged to take 281 and 282 in their sophomore or junior years; 492 and 493 in their junior or senior years.

Requirement for Minor: A student may elect a minor in sociology with 15 hours in the department, including 101, or a minor in sociology-anthropology with 15 hours in the department, including 101, 151, and two other courses in anthropology.

Requirements for combined major in Sociology-Psychology: A minimum of 41 semester hours in the two departments. A combined major in Sociology and Psychology, with a concentration in Sociology, requires completion of the following courses: Sociology 101, 151, 206, 221, 281, 282, 371, 492, 493, 451, or 452, and Psychology 202, 203, 213, and 315.

SOCIOLOGY

101. Introduction to Sociology (3).

102. Social Problems (3). Survey of social problems such as overpopulation, war, poverty, and deviance.

203. Non-Western Societies: Selected Cases (3). A survey of the people, society, and culture of selected national societies.

206. Social Psychology (3). Same as Psychology 206.

221. Introduction to Social Work (3). Explores purpose, techniques, and organization of the profession. Prerequisite: Sociology 101 or consent of instructor.

240. Minority Group Relations in American Society (3). Sociological theory and research on racial and ethnic groups in the U.S. *Offered in alternate years.*

241-242. Afro-American Experience (3-3). Deals with the historic and contemporary experience of black people in America. The first semester covers the period up to 1915. The second semester covers the period from 1915 to the present. Same as History 241-242. *Offered in alternate years.*

281. Methods and Statistics I (3). Introduction to philosophy of science, ethical issues in social research, basic methods of data-gathering, qualitative analysis, descriptive statistics. Prerequisite: Sociology 101 or equivalent.

282. Methods and Statistics II (3). Advanced data analysis, methods of data presentation and introduction to computer data management and analysis. Prerequisite: Sociology 281.

301. Marriage and the Family (3). Emphasis on changing roles of men and women and patterns of child rearing in contemporary society.

305. Sociology of Religion (3). Theories and studies on the origin, nature, and institutional structure of religion. Prerequisite: Sociology 101.

321. Urban Sociology (3). Theory and research on the city and the problems of urban life. Prerequisite: Sociology 101. *Offered in alternate years.*

332. Social Movements (3). The study of both reform movements and revolutions, their causes and effects. Prerequisite: Sociology 101 or consent of instructor. *Offered in alternate years.*

341. Social Factors in Health (3). Doctor/patient relationships, organization of health in the United States and other societies, the effect of social variables on health and illness. *Offered in alternate years.*

361. Human Ecology (3). Research and theory interpreting cultural evolution in terms of interaction between populations and environments. Prerequisite: Sociology 101, or 151, or consent of instructor. *Offered in alternate years.*

371. Class, Sex and Race: Social Stratification (3). Theories and empirical findings pertaining to social stratification. Prerequisite: Sociology 101.

381. Death and Grief (3). Stages of dying, relationships of patients to family and medical staff, ethical issues surrounding death, stages of grief and functions of rituals. Prerequisite: junior or senior standing.

391. Sociology of Deviance (3). Crime, delinquency, abortion, homosexuality, drug use, alcoholism, prostitution, and other forms of deviance, viewed from a non-moralistic, sociological perspective. Prerequisite: Sociology 101. *Offered in alternate years.*

401-402. Directed Reading (1 to 3 — 1 to 3). Prerequisite: consent of instructor.

403-404. Undergraduate Research (1 to 3 — 1 to 3). Research project proposed and conducted independently by a junior or senior major, with report due at end of semester. Prerequisite: consent of instructor.

405-406. Independent Study (1 to 3 — 1 to 3). Inquiry by a junior or senior major capable of independent work with minimum of supervision. Prerequisite: consent of instructor.

411-412. Special Topics in Sociology (1 to 3 — 1 to 3). Deals with areas not normally covered in other courses, but of current interest to students.

451-452. Internship (1 to 3 — 1 to 3). Practical experience and training for majors working with selected organizations engaged in social research, social work, and community organization. Prerequisite: consent of instructor.

492. Seminar in Sociological Theory I (4). Historical approach to theoretical development in sociology, focusing on European school, social reformers, and symbolic interactionists. For juniors or seniors.

493. Seminar in Sociological Theory II (3). Modern sociological theory, ranging from functionalism to conflict theory and phenomenology. Opportunities to integrate and expand upon current sociological knowledge. For juniors or seniors.

ANTHROPOLOGY

151. Introduction to Anthropology (3). Basic concepts and approaches to anthropology, archaeology, and particularly cultural and social patterns of preliterate peoples.

401-402. Directed Readings (1 to 3 — 1 to 3). Prerequisite: consent of instructor.

403-404. Undergraduate Research (1 to 3 — 1 to 3). Research project proposed by a junior or senior, and conducted independently by outstanding student. Research report due at the end of the semester. Prerequisite: consent of instructor.

405-406. Independent Study (1 to 3 — 1 to 3). Readings in an area of special interest to the junior or senior major capable of highly independent work with supervision. Report due at end of semester. Prerequisite: consent of instructor.

411-412. Special Topics in Anthropology (1 to 3 — 1 to 3). Deals with areas not covered in other courses, but of current interest to students.

Charles W. and Eloise T. Else School of Management

The Hyman F. McCarty, Jr. Chair of Business Administration
The J. Army Brown Chair of Business Administration
The Dan White Chair of Economics
The Selby and Richard D. McRae Chair of Business Administration
The Kelly Gene Cook, Sr. Endowed Chair of Business Administration

Professors:	**JERRY D. WHITT, Ph.D., Dean**
	RICHARD BRUCE BALTZ, Ph.D.
	CARL A. BROOKING, Ph.D.
	WILLIAM A. HAILEY, D.B.A., C.Q.E.
	GEORGE M. HARMON, D.B.A.
	WALTER P. NEELY, Ph.D, C.F.A.
	EDWARD J. RYAN, JR., D.B.A.
	SUE Y. WHITT, Ph.D., C.P.A., C.M.A.
Associate Professors:	**M. RAY GRUBBS, Ph.D.**
	SHIRLEY F. OLSON, D.B.A.
	HUGH J. PARKER, Ph.D., C.P.A.
	PETER C. WARD, J.D.
	STEVE CARROLL WELLS, M.A., C.P.A.
Assistant Professors:	**AJAY K. AGGARWAL, M.B.A.**
	BILL M. BRISTER, Ph.D.
	DAVID H. CULPEPPER, M.B.A., C.P.A.
	RAYMOND A. PHELPS, II, D.B.A.
	PATRICK A. TAYLOR, Ph.D.
Instructors:	**PHILLIP HARDWICK, M.B.A.**
	KAY H. MORTIMER, M.B.A., C.C.P.
	SUSAN M. SHARPE, M.B.A.
	CAROLYN MYERS THOMPSON, M.B.A., C.P.A.

Objective of the Else School of Management. The objective of the Else School of Management is to provide managerial and professional leadership to the larger society by educating future leaders in business and public administration and in the accounting profession, by providing consulting and other services to the community, and by expanding the body of knowledge in the field of management. With respect to the educational mission, our goals are to develop a general management outlook toward organizations and the changing environment they face; to foster the ability to organize information for analysis as the basis for making decisions; to instill standards of professional behavior which are consistent with the legitimate expectations of society; and to provide technical expertise required for entry-level positions and leadership attributes necessary to attain positions in general management.

The Else School of Management has been awarded national professional accreditation by the American Assembly of Collegiate Schools of Business.

Bachelor of Business Administration (BBA). Accounting and business administration majors must complete additional requirements for the Bachelor of Business Administration degree (B.B.A.). Economics majors must complete additional requirements for either a B.A., B.S. or B.L.S. degree. The requirements for a major in accounting or in business administration are in addition to courses which may be used to satisfy the minimum college requirements for all degrees and cannot be used to satisfy both areas. Majors must make a grade of C or better in all courses required by the Else School of Management.

At least 51 hours must be earned in courses offered by the Else School of Management and at least 51 hours must be earned outside the Else School of Management.

Coursework at the 300-level or above may be taken only by students who have completed at least 52 semester hours.

Students pursuing the B.B.A. degree are encouraged to add depth in a non-business area that a minor can provide. Minors which would be of particular value to students in the Else School of Management are available in computer studies, modern languages, English, chemistry, political science, psychology, and biology.

Transfer Credit: Transfer students should normally expect to satisfy the statistics requirement (Business Administration 275) at Millsaps. The typical first six hours of accounting principles will normally satisfy the department's 281-282 requirement. The typical six hours of sophomore economics will normally satisfy the Economics 201-202 requirement. Transfer students will be required to satisfactorily complete at least 18 hours of courses offered by the Else School of Management to meet the requirement for the BBA degree and the major regardless of the specific requirements satisfied by transfer hours. In some instances this may mean repeating certain transferred, upper-division courses. Students should not expect to transfer credit in courses numbered at the 300-level or above from a community college to Millsaps.

Requirements for major in Accounting: Students interested in sitting for professional examinations in accounting should consult their accounting advisor. Effective February 1, 1995, candidates for the CPA exam in Mississippi must have a total of 150 college semester hours. Accounting majors must complete the requirements for a B.B.A. degree in addition to requirements for the major. Accounting 281-282 and Economics 201-202 should not be taken before the sophomore year. Business Administration 274 and 275 should be taken before the junior year. Accounting 381, 382, 391, and 394 and Business Administration 321, 333, 334, and 362 should be taken in the junior year. Accounting 392, 395, 398, and 491 and Business Administration 221-222 and 399 should be taken in the senior year.

Requirements for major in Business Administration: The requirements for the business administration major, in addition to the general requirements for the B.B.A. degree, are very flexible and afford students the opportunity to take advanced electives which will provide a foundation to enter several professional fields.

Administration majors should take Accounting 281-282, Economics 201-202, and Business Administration 220, 274 (or Computer Studies 105) and 275 before their junior year. Business Administration 321, 333, 334, 336, and 362 should be taken during the junior year. Electives, and Business Administration 399 should be taken in the senior year.

Students majoring in business administration are expected to demonstrate an awareness of the global dimension of the business world by successfully completing one of the following courses: Business Administration 339 or 369, Economics 348, or three hours in a modern language beyond the elementary level.

Requirements for a B.A., B.S. or B.L.S. degree with a major in Economics: This economics major is required to take Mathematics 140 and 155, Business Administration 274 and 275, Economics 201, 202, 303, 304, 348, 491 and six hours of economics electives. The degree earned can be either a B.A., B.S. or B.L.S. To prepare for graduate studies in economics the student should take the following Mathematics sequence: 140, 145, 161, and 262.

Requirements for a minor in the School of Management: Students pursuing the B.B.A. degree may not minor in accounting or administration. Students pursuing any other undergraduate degree may elect a minor in either of these disciplines with 12 hours beyond the degree requirements, including the following: for the accounting minor Accounting 281-282, Economics 201-202, and six additional hours of accounting; for the administration minor nine hours from Accounting 281-282 and Economics 201-202, Business Administration 333, and six additional hours of business administration. Students pursuing any undergraduate degree may minor in economics with Economics 201-202 and 12 additional hours of economics. Administration 275, Statistics, may be used to satisfy three of the 12 elective hours for the economics minor if not utilized to meet major requirements.

Master of Business Administration (M.B.A.) degree is offered and the foundation coursework may be taken at the undergraduate level. Candidates may enter the program from any undergraduate background and liberal arts majors in particular are encouraged to

apply. Foundation courses include: Accounting 281-282, Economics 201-202, Administration 220, 274, 275, 321, 333, 334, 336, and 362. See the graduate catalog for details.

Suggestions for non-majors: Economics 201, 202, Accounting 281, 282 and Business Administration 220 are good entry-level offerings. Other courses in the School are appropriate for electives, especially Economics 341, Accounting 395 and Business Administration 321 and 333. Please note, however, that junior status is required before taking courses at the 300 level or above.

ACCOUNTING

281-282. Introduction to Accounting (3-3). A course at the elementary level intended for students majoring in any field. Emphasizes the functions of accounting in a business-oriented society and the concepts on which accounting rests. Acquaints students with the differences in the types of accounting information required by internal users and by users outside the accounting entity. Includes basic standards and principles underlying accounting information and presentation of that information for use in decision-making. Prerequisite: One year of college mathematics recommended and sophomore standing.

381-382. Intermediate Accounting (3-3). A professional-level accounting course intended for students preparing for a career in accounting or finance. Develops an understanding of the underlying body of concepts that constitute accounting theory and skills in applying those concepts to accounting problems and situations. Introduces pronouncements of the Financial Accounting Standards Board and its predecessors. Prerequisites: One year of accounting and junior standing.

391. Cost Accounting (3). A professional level accounting course intended for accounting majors which may also be useful for computer studies majors. An exposure to the broad range of managerial accounting concepts and their terminologies. Includes measurement and accumulation of cost, budgeting, responsibility accounting, and cost-based decision making. Prerequisites: One year of accounting and junior standing.

392. Auditing (3). A professional level accounting course intended for accounting seniors. Includes such topics as audit reports, evidence, basic audit techniques including sampling and the use of the computer, and review of internal control. Also included are the independent auditor's role, legal responsibilities, codes of ethical conduct, and standards of reporting, field work, and competence. Exposes the student to Statements of Auditing Standards. Prerequisites: Accounting 381 and 394 or permission of instructor.

394. Accounting Information Systems (3). A professional-level accounting course intended for students preparing for a career in accounting. Exposes students to analysis, design, and evaluation of accounting systems with emphasis on transaction processing and the related internal controls for the major accounting cycles. Also included is development of systems flowcharting skills and exposure to advanced computerized accounting systems.

395-396. Tax Accounting (3-3). Problems and procedures in connection with federal and state tax laws including the preparation of various reports. Prerequisite: Accounting 281-282.

398. Advanced Accounting Problems (3). Financial accounting and reporting for selected noncorporate entities, such as partnerships and governmental units, and for multicorporate or "consolidated" business enterprises. Selected accounting topics concerning multinational enterprises will be introduced. Prerequisite: Accounting 381-382. Accounting 382 may be taken concurrently.

401-402. Directed Readings (1 to 3 — 1 to 3).

403-404. Undergraduate Research (1 to 3 — 1 to 3).

405-406. Independent Study (1 to 3 — 1 to 3).

411-412. Special topics in Accounting (3-3).

451-452. Internship (1 to 6 — 1 to 6). Practical experience and training with selected business and government institutions. Graded on a credit/no credit basis only.

491. Senior Seminar in Accounting (1). A seminar course addressing current issues in accounting. Topics vary from year to year; examples include SEC reporting, international accounting, and recent pronouncements and actions of professional associa-

tions and the implications of these pronouncements and actions for decision making. Requirements include preparation and presentation of reports by students. Prerequisite: Senior standing.

BUSINESS ADMINISTRATION

101. Business and Society (3). This course will provide a survey of the societal environment in which business people must operate. Emphasis will be placed upon the change inherent in this environment because of our capitalist economy. This class is open to freshmen only.

220. Legal Environment of Business (3). Introduction to the U.S. legal system and the application of the Constitution to business. Concentration on the impact of administrative regulatory programs on business operations, including antitrust, SEC, and labor law. Introduction to international legal environment. Credit will not be given for both 220 and 221, either of which may be taken before 222. This course should not be taken by freshmen.

221-222. Business Law and Legal Environment (3-3). Introduction to legal systems and the Constitution; survey of administrative law and programs affecting business; in depth analysis of contractual relationships. The second semester focuses on business organization (agency, partnerships and corporations) and labor law and concludes with examination of commercial paper, secured transactions and bankruptcy. Credit will not be given for both 220 and 221, either of which may be taken before 222.

274. Computer Software Packages (3). Integrated microcomputer software packages will be studied with emphasis on spreadsheets analysis. Statistical computer packages and desctiptive statistics will also be introduced. Prerequisites: Math 140 (or permission of instructor). Students will not be given credit for Computer Studies 105 and Administration 274.

275. Business Statistics (3). Probability, probability distributions; estimation and hypothesis testing; regression and correlation; time series analysis. Prerequisite: Six hours of college mathematics, B.A. 274 or Computer Studies 105.

321. Marketing Management (3). A survey of the functions, processes and institutions which direct the flow of goods and services from producer to consumer or user.

325. Sales Management (3). Develops the system necessary for planning, organizing, directing and controlling the efforts of a sales force. Prerequisite: B.A. 321.

326. Marketing Research (3). Examines modern research methods and techniques for gathering, recording, and analyzing information for marketing decisions. Prerequisite: B.A. 275 and 321.

327. Promotional Strategy (3). This course will develop the mix of promotional techniques an organization may employ such as advertising, publicity, personal selling and sales promotions.

333. Introduction to Management (3). Theories of organized structure, behavior, communication, and managerial decision making.

334. Operations Management (3). System analysis, decision making, examination of management science techniques in problem solving. Prerequisite: B.A. 275 or equivalent.

335. Human Resource Management (3). The management of human resources and employment procedures and personnel administration.

336. Management Information Systems (3). A survey of computer concepts and the design of commercial computer systems from a management perspective. Prerequisite: B.A. 274 or equivalent.

338. Introduction to Management Science (3). An introduction to the use of the computer in mathematical modeling. The models covered will include linear programming, simulation, and sequential decision making. Prerequisite: B.A. 334.

339. International Business (3). A study of the management of multinational businesses. Prerequisite: B.A. 321.

362. Business Finance (3). An introductory course in financial management directed at the analysis of financial problems. Integrated approach to basic concepts of valuation, investment and financing. Prerequisite: Accounting 282.

365. Investments (3). Introductory course in investment management and analysis is directed at an understanding of how people make investment decisions. Consideration of the description and theory of capital markets and individual investment instruments. Prerequisite: B.A. 362.

366. Commercial Bank Management (3). Management of the loans and investment portfolios and liability management within the framework of regulatory constraints and monetary policy. Prerequisite: Admin 362.

369. Advanced Business Finance (3). An advanced course that examines the financial decisions of the firm. Selected topics include current asset management, capital budgeting under uncertainty, long-term financing, dividend policy, international finance and mergers. Prerequisite: B.A. 362.

370. Principles of Real Estate. (3). An introduction to the basic concepts and practices in the real estate industry.

373. Real Estate Investment (3). This course examines the fundamentals involved in making investment decisions related to real property. Principles of risk analysis, risk versus return, the use of leverage, cash flow, taxation, depreciation, and time value of money are reviewed as each are related to real estate investment analysis. Special emphasis is placed on analysis of individual properties and use of property operating data forms. Prerequisite: Admin 362.

393. Business and Professional Ethics (3). Analysis of selected contemporary moral issues and conflicts arising within American business management and professional practice, identifying possible implications for the individuals, groups, and organizations involved and for the general public. Prerequisite: Senior standing recommended.

399. Business Strategy (3). The case study and simulation approaches are used for solution of problems in managerial economics, accounting, marketing, finance, personnel, and production. Prerequisites: B.A. 321, 333, 334 and 362 (334 may be a corequisite).

401-402. Directed Readings (1 to 3 — 1 to 3).

403-404. Undergraduate Research (1 to 3 — 1 to 3).

405-406. Independent Study (1 to 3 — 1 to 3).

411-412. Special Topics in Business Administration (3-3).

451-452. Internship (1 to 6 — 1 to 6). Practical experience and training with selected business and government institutions. Graded on a credit/no credit basis only.

ECONOMICS

201. Principles of Microeconomics (3). An examination of basic micro concepts of economic behavior, the role of the price system and income distribution. Prerequisite: Math 155 recommended.

202. Principles of Macroeconomics (3). An examination of basic macro concepts of economic behavior, national income analysis, stability and growth.

303. Intermediate Microeconomic Theory (3). Value and distribution theory, market equilibrium, resource allocation, policy analysis, and managerial applications. Prerequisite: Economics 201 and 202.

304. Intermediate Macroeconomic Theory (3). National Income measurement; commodity and money market equilibrium; aggregate demand and supply analysis; monetary and fiscal policy issues. Prerequisites: Economics 201 and 202.

341. Money and Financial Systems (3). A survey of the microeconomic aspects of financial systems, including market structure, behavior, and regulation of commercial banks and other financial intermediaries; the creation of money; central bank organization and monetary control; and current issues. Prerequisites: Economics 201 and 202.

342. Public Finance (3). Government decisions on expenditures, taxation, debt management and policy analysis. Prerequisite: Economics 201 and 202. ***Offered in alternate years.***

343. Econometrics and Applied Statistics (3). Study of the general linear regression model, simultaneous estimation procedures, Monte Carlo simulation, and advanced statistics. Prerequisite: Administration 275 or consent of instructor.

344. History of Economic Thought (3). Development of economic thought from the classical school to the present time. Prerequisite 201-202. *Offered in alternate years.*

348. International Economics (3). An extension and application of economic theory to international issues with an examination of world money markets, exchange rates, adjustment mechanisms, and issues. Prerequisites: A 300-level economics course or consent of the instructor.

401-402. Directed Readings (1 to 3 — 1 to 3).

403-404. Undergraduate Research (1 to 3 — 1 to 3).

405-406. Independent Study (1 to 3 — 1 to 3).

411-412. Special Topics in Economics (3-3).

451-452. Internship (1 to 6 — 1 to 6). Graded on a credit/no credit basis.

491. Senior Seminar (3). Student research and discussion of selected topics in economics. Prerequisite: Senior standing.

Register

1991-92

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Development Committee: Vice President, Development; Alumni Representative

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JACK L. WOODWARD, A.B., B.D. . . . . .Dean of Student Aid Financial Planning

The College Faculty

EMERITI FACULTY

HOWARD GREGORY BAVENDER (1966) . . . . . .Emeritus Professor of Political Science
A.B., College of Idaho, M.A., University of Wisconsin

ROBERT E. BERGMARK (1953) . . . . . .Emeritus Professor of Philosophy
A.B., Emory University; S.T.B., Ph.D., Boston University

LOIS TAYLOR BLACKWELL (1963) . . . . . .Emerita Associate Professor of English
A.B., A.M., Mississippi College

FRANCES BLISSARD BOECKMAN (1966) . . . . . .Instructor, Catalog Librarian
A.B., Belhaven College; A.M., Mississippi College

GEORGE WILSON BOYD (1959) . . . . . .Emeritus Professor of English
A.B., Murray State College; A.M., University of Kentucky; Ph.D., Columbia University

C. LELAND BYLER (1959) . . . . . .Emeritus Professor of Music
A.B., Goshen College; M.M., Northwestern University

MAGNOLIA COULLET (1927) . . . . . .Emerita Professor of Ancient Languages
A.B., Millsaps College; A.M., University of Pennsylvania; B.M. Belhaven College; A.M. (German), University of Mississippi

ELIZABETH CRAIG (1926) . . . . . .Emerita Professor of French
A.B., Barnard College, Columbia University; A.M., Columbia University

J. HARPER DAVIS (1964) . . . . . .Emeritus Professor of Physical Education
B.S., M.Ed., Mississippi State University

JOHN LEMUEL GUEST (1957) . . . . . .Emeritus Professor of German
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PAUL D. HARDIN (1946) . . . . . .Emeritus Professor of English
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NELLIE KHAYAT HEDERI (1952) . . . . . .Emerita Professor of Spanish
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WENDALL B. JOHNSON (1954) . . . . . .Emeritus Professor of Geology
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SAMUEL ROSCOE KNOX (1949) . . . . . .Emeritus Professor of Mathematics
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RUSSELL WILFORD LEVANWAY (1956) . . . . . .Emeritus Professor of Psychology
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FACULTY

JOHN QUINCY ADAMS (1965) . . . . . .Associate Professor of Political Science
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AJAY K. AGGARWAL (1989) . . . . . .Assistant Professor of Quantitative Management
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ROY ALFRED BERRY, JR. (1962). . . . . .Professor of Chemistry
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B.S., Mississippi College; M.S., Florida State University; Ph.D., University of Mississippi

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DELBERT E. GANN (1982) . . . . . .Associate Professor of Geology
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LANCE GOSS (1950) . . . . . .Professor of Speech
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DONALD D. KILMER (1960) . . . . . .Associate Professor of Music
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BRENT W. LEFAVOR (1983) . . . . . .Assistant Professor of Technical Theatre
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JULIA A. LEWIS (1986) . . . . . .Assistant Professor, Special Services Librarian
B.A., Southern Methodist University; M.L.S., University of Mississippi

THOMAS WILEY LEWIS III (1959) . . . . . .Professor of Religion
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MARK J. LYNCH (1989) . . . . . .Assistant Professor of Mathematics
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SUZANNE MARRS (1988) . . . . . .Professor of English
Director of Honors Program
B.A., Ph.D., University of Oklahoma

ROBERT T. McADORY (1985) . . . . . .Assistant Professor of Physics
B.S., Mississippi State University; Ph.D., The University of Texas

ROBERT W. McCARLEY (1984) . . . . . .Assistant Professor of Computer Studies
B.A., Millsaps; M.Ed., Mississippi State University

ROBERT S. McELVAINE (1973) . . . . . .Elizabeth Chisholm Professor of History
B.A., Rutgers University; M.A., Ph.D., State University of New York at Binghamton

HERMAN LAMAR McKENZIE (1963) . . . . . .Assistant Professor of Mathematics
B.S., Millsaps College; M.Ed., M.S., University of Mississippi

JAMES PRESTON McKEOWN (1962) . . . . . .Professor of Biology
A.B., University of the South; A.M., University of Mississippi; Ph.D., Mississippi State University

LUCY WEBB MILLSAPS (1969) . . . . . .Associate Professor of Art
B.F.A., Newcomb College; M.A., University of Mississippi

MICHAEL H. MITIAS (1967) . . . . . .Professor of Philosophy
A.B., Union College; Ph.D., University of Waterloo

JAMES A. MONTGOMERY (1959) . . . . . .Professor of Physical Education
A.B., Birmingham-Southern College; A.M., Ed.D., George Peabody College for Teachers

S. KAY MORTIMER (1984) . . . . . .Instructor of Business Administration
B.A., Stephens College; M.B.A., Southern Methodist University

GERALD E. MOZUR (1989) . . . . . .Assistant Professor of Philosophy
B.A., Centre College; M.A., University of Kentucky

WALTER P. NEELY (1980) . . . . . .Army Brown Professor of Finance
B.S., M.B.A., Mississippi State University; Ph.D., University of Georgia

ROBERT B. NEVINS (1967) . . . . . .Associate Professor of Biology
A.B., Washington University; M.S., University of Missouri

SHIRLEY F. OLSON (1982) . . . . . .Associate Professor of Management
B.A., Mississippi State University; M.A., Mississippi College; D.B.A., Mississippi State University

IREN OMO-BARE (1990) . . . . . .Assistant Professor of Political Science
B.A., M.A., University of Delaware; Ph.D., Louisiana State University

ROBERT HERBERT PADGETT (1960) . . . . . .Professor of English
A.B., Texas Christian University; A.M., Vanderbilt University

JUDITH W. PAGE (1981) . . . . . .Associate Professor of English
A.B., Tulane University; M.A., University of New Mexico; Ph.D., University of Chicago

HUGH J. PARKER (1987) . . . . . .Associate Professor of Accounting
B.S., M.S., University of Southern Mississippi; Ph.D., Oklahoma State University

JAMES F. PARKS, JR. (1969) . . . . . .Associate Professor, College Librarian
A.B., Mississippi College; M.L.S., Peabody College

RAYMOND A. PHELPS II (1980). . . . . .Assistant Professor of Marketing
A.A., University of Florida; B.B.A., M.B.A., Georgia State University; D.B.A., Louisiana Tech University

FRANCIS E. POLANSKI (1965) . . . . . .Associate Professor of Music
B.M., Eastman School of Music, University of Rochester (New York); M.M., University of Michigan

THOMAS E. PRITCHARD (1982). . . . . .Associate Professor of Computer Studies
B.A., University of Chicago; M.A., North Carolina State University; Ph.D., University of Tennessee

JIMMIE M. PURSER (1981) . . . . . .Professor of Chemistry and Computer Studies
B.S., Millsaps College; Ph.D., University of North Carolina

THOMAS L. RANAGER (1964) . . . . . .Assistant Professor of Physical Education
B.S., Mississippi State University; M.Ed., Mississippi College

LEE H. REIFF (1960) . . . . . .Tatum Professor of Religion
A.B., B.D., Southern Methodist University; M.A., Ph.D., Yale University

EDWARD J. RYAN, JR. (1987) . . . . . .Professor of Marketing
B.G.E., University of Omaha; B.S., M.B.A., Michigan State University; D.B.A., George Washington University

HARRYLYN G. SALLIS (1981) . . . . . .Assistant Professor of Music
B.M., Southwestern at Memphis; M.M., University of Kentucky

W. CHARLES SALLIS (1968) . . . . . .Professor of History
B.S., M.S., Mississippi State University; Ph.D., University of Kentucky

C. ALLEN SCARBORO (1982) . . . . . .Associate Professor of Sociology
A.B., Kenyon College; M.A., Hartford Seminary Foundation; Ph.D., Emory University

RUTH CONARD SCHIMMEL (1990). . . . . .Assistant Professor of Education
B.A., Vanderbilt University; M.A., San Francisco State University; Ph.D., University of California at Berkeley

EDWARD L. SCHRADER (1988). . . . . .Assistant Professor of Geology
B.S., Millsaps College; M.S., University of Knoxville; Ph.D., Duke University

HAMMED SHAHIDIAN (1990) . . . . . .Assistant Professor of Sociology
B.A., Hamline University; M.A., Ph.D., Brandeis University

SUSAN M. SHARPE (1988) . . . . . .Instructor of Business Administration
B.S.R.N., University of Mississippi; M.B.A., Millsaps College

BRITON E. SHELL (1989). . . . . .Assistant Professor of Biology
B.A., Albion College; Ph.D., University of Michigan

ROBERT A. SHIVE, JR. (1969) . . . . . .Professor of Mathematics
B.A., M.S., Southern Methodist University; Ph.D., Iowa State University

ELISE L. SMITH (1988) . . . . . .Assistant Professor of Art History
B.A., Florida State University; M.A., Vanderbilt University; Ph.D., University of North Carolina

STEVEN GARRY SMITH (1985) . . . . . .Associate Professor of Philosophy and Religion
B.A., Florida State University; M.A., Vanderbilt University; Ph.D., Duke University

JAMES JONATHAN SNOW (1990) . . . . . .Assistant Professor of Philosophy
B.A., M.A., Ohio University

KATHLEEN L. SPENCER (1988) . . . . . .Assistant Professor of English
B.A., Wright State University; M.A., Miami University, Ohio; Ph.D., University of California, Los Angeles

JONATHAN MITCHELL SWEAT (1958) . . . . . .Professor of Music
B.S., M.S., The Juilliard School of Music; A.Mus.D., The University of Michigan

K. RENEE TAYLOR (1987) . . . . . .Assistant Professor Catalog Librarian
B.A., University of South Alabama; M.L.S., University of Southern Mississippi

PATRICK A. TAYLOR (1984). . . . . .Assistant Professor of Economics and Operations Management
B.B.A., University of Mississippi; M.B.A., University of Alabama; Ph.D., University of Alabama

CAROLYN MYERS THOMPSON (1986) . . . . . .Instructor of Accounting
B.A., Tougaloo College; M.B.A., Columbia University

MARLYS T. VAUGHN (1979) . . . . . .Associate Professor of Education
B.S., M.Ed., Mississippi State University; Ph.D., University of Southern Mississippi

EDMOND R. VENATOR (1967) . . . . . .Professor of Psychology
A.B., University of Buffalo; Ph.D., Emory University

PETER C. WARD (1988) . . . . . .Associate Professor of Business Law
B.A., Amherst College; J.D., University of Pennsylvania

TIMOTHY JOSEPH WARD (1990) . . . . . .Assistant Professor of Chemistry
B.S., University of Florida; Ph.D., Texas Tech University

STEVE CARROLL WELLS (1968) . . . . . .Associate Professor of Accounting
A.A., Copiah-Lincoln Junior College; A.B., M.A., University of Mississippi

JOHNNIE-MARIE WHITFIELD (1988) . . . . . .Assistant Professor of Chemistry
B.S., Millsaps College; Ph.D., Louisiana State University

JERRY D. WHITT (1980) . . . . . .Professor of Management Information Systems
B.B.A., M.B.A., North Texas State University; Ph.D., University of Arkansas

SUE YEAGER WHITT (1980) . . . . . .Professor of Accounting
B.B.A., North Texas State University; M.B.A., C.M.A., Ph.D., University of Arkansas

LEON AUSTIN WILSON (1976) . . . . . .Associate Professor of English
Acting Director of the Writing Program
and Coordinator of Assessment
A.B., Valdosta State College; M.A., University of Georgia; Ph.D., University of South Carolina

Staff

Office of the President

George M. Harmon, B.A., M.B.A., D.B.A. (1979) . . . . . .President
Floy Nelms (1983) . . . . . .Administrative Assistant to the President

Office of the Vice President and Dean of the College

Robert H.King, B.A., B.D., Ph.D. (1980) . . . . . .Vice President and Dean of the College
Robert A. Shive, Jr., B.A., M.S., Ph.D. (1969) . . . . . .Associate Dean of the College/
Director of Information Services
Grace W. Harrington, B.S.C. (1983) . . . . . .Administrative Assistant to the Vice President
Nancy M. McKay, B.S. (1989) . . . . . .Secretary to the Vice President

Divisions Office

Lynda McClendon, B.A. (1987) . . . . . .Faculty Secretary
Virginia Salter, B.A. (1988) . . . . . .Faculty Secretary

Office of the Vice President for Business Affairs

Don E. Strickland, B.S., M.S., Ph.D., C.P.A. (1977) . . . .Vice President for Business Affairs
Nancy W. White (1974) . . . . . .Administrative Assistant to the Vice President
Susan A. Tuisl (1987) . . . . . .Clerk/Typist
Katherine E. Lefoldt (1970) . . . . . .Academic Complex Hostess
Virginia F. McCoy (1966) . . . . . .PBX Operator

Business Office

Louise Burney, B.B.A., C.P.A. (1987) . . . . . .Controller
Lisa Van Namen, B.B.A., C.P.A. (1989) . . . . . .Assistant Controller-Financial
Kelly B. Powell, B.B.A. (1989) . . . . . .Assistant Controller-Administrative
Rose Johnson (1980) . . . . . .Loan Collections Officer
Connie L. Parker (1989) . . . . . .Accounts Payable Clerk
Elaine Plylar (1987) . . . . . .Cashier
Katherine Jones (1987) . . . . . .Clerk/Receptionist

Physical Plant

Richard W. Gell, B.S., M.S., P.E. (1988) . . . . . Director of Physical Plant
Marge Fenton (1980) . . . . . Secretary
David Wilkinson (1980) . . . . . Maintenance Supervisor
Johnnie Luckett, Jr. (1982) . . . . . Housekeeping Supervisor
David Thigpen, A.S. (1986) . . . . . Grounds Supervisor

Campus Safety and Security

Wayne H. Miller, B.S. (1980) . . . . . Director of Campus Safety
Donald Sullivan (1981) . . . . . Lieutenant

Bookstore

Edward L. Jameson (1980) . . . . . Bookstore/Post Office Manager
Elizabeth Jameson (1980) . . . . . Bookstore Co-Manager and Supply Buyer
Cynthia Elder (1986) . . . . . Cashier

Post Office

Diane D. Samples (1990) . . . . . Post Office Supervisor
Mittie E. Welty (1959) . . . . . Assistant Supervisor
Kathi L. Acy (1981) . . . . . Postal Clerk

Food Service

Olivia White (1983) . . . . . Director of Food Services
Steve King (1988) . . . . . Manager
Alice Acy (1961) . . . . . Grill Manager
David Woodward (1990) . . . . . Chef
Hope Edwards (1986) . . . . . Secretary

Office of the Vice President for Development

James C. Lewis, B.A., M.S., M.B.A. (1987) . . . . . Vice President for Development
Doris P. Blackwood (1986) . . . . . Assistant to the Vice President for Development
Michael G. Stevens, B.A., M.U.R.P. (1989) . . . . . Director of Alumni Relations
Elisha P. Duddleston, B.B.A. (1990) . . . . . Assistant Director of Alumni Relations
Patrica C. Cox, B.S. (1990) . . . . . Secretary for Alumni Relations/ Development Services
Susan P. Womack, B.M.E. (1988) . . . . . Director of Annual Giving
Robin L. Tolar, B.B.A. (1990) . . . . . Associate Director of Annual Giving
Michelle D. Hensley, B.A. (1990) . . . . . Assistant Director of Annual Giving
M. Renee' Tillman, B.S. (1990) . . . . . Secretary for Annual Giving
LaRue Owen, B.S., M.Div. (1987) . . . . . Director of Church Relations
Barbara Lea Campbell, B.A. (1989) . . . . . Director of Development Services
Karen Brown (1990) . . . . . Gift Recorder
Alex P. Woods, B.S. (1986) . . . . . Production Coordinator
W. Scott Rawles, B.A. (1990) . . . . . Director of Planned Giving
Laurissa Henderson (1989) . . . . . Secretary for Planned Giving/Receptionist
Kay B. Barksdale, B.A. (1986) . . . . . Director of Public Relations
Lena Barlow, B.A. (1989) . . . . . Assistant Director of Public Relations
Nola Kay Gibson, B.S., M.A. (1988) . . . . . Director of News Service
Judith G. Oglesby (1990) . . . . . Secretary for Public Relations
Trey Porter, B.S. (1989) . . . . . Sports Information Director

Office of the Vice President for Enrollment and Student Affairs

John H. Christmas, B.S., A.M. (1961) . . . . . Vice President for Enrollment
Cathryn B. Martella (1975) . . . . . Administrative Assistant to the Vice President/Enrollment
Florence W. Hines, B.A. (1984) . . . . . Assistant Director of Admissions
Crisler M. Boone, B.B.A. (1989) . . . . . Assistant Director of Admissions
Lee Ann Miller, B.B.A. (1989) . . . . . Assistant Director of Admissions
Maret Sanders, B.A. (1990) . . . . . Admissions Counselor
Kristin Magee, B.B.A. (1990) . . . . . Admissions Counselor

Connie C. Trigg (1988) . . . . . .Secretary
Mary F. Nichols, B.A. (1985) . . . . . .Word Processor

Office of Student Affairs

Gary L. Fretwell, B.A., M.A. (1989) . . . . . .Dean of Student Affairs
T. K. Reavis-Freeman, B.S., M.Ed. (1988) . . . . . .Associate Dean of Student Affairs
Steve Watson, B.A., M.C.C., M.P.C. (1990) . . . . . .Director of Student Activities
Don Fortenberry, B.A., M.Div. (1973) . . . . . .Chaplain
Martha Lee (1985) . . . . . .Secretary to the Dean of Student Affairs
George Gober, B.A. (1981) . . . . . .Director of Intramurals
Florence Cooper, B.S.N., R.N. (1988) . . . .Coordinator of Health Services/College Nurse
Kathy Varnado (1991) . . . . . .Secretary
Russell B. Anderson, B.S., M.S. (1984) . . . . . .Director, Career Planning and Placement
Janis C. Booth, B.A., M.S., Ed.D. (1986) . . . . . .College Counselor
Carole A. Martin (1987) . . . . . .Secretary
Betty Hollingsworth, B.S., M.Ed. (1985) . . . . . .Residence Director, Goodman House
Dina Stitt, B.A.E. (1988) . . . . . .Residence Director, Sanderson Hall
Anita Sumrall, B.B.A. (1989) . . . . . .Residence Director, Franklin Hall
Steve Hughes-Watson, B.A., M.C.C., M.P.C. (1990) . . . . .Residence Director, Ezelle Hall
Tracie Woidtke, B.S. (1990) . . . . . .Residence Director, Bacot Hall
Mark Simpson, B.S.B.A (1990) . . . . . .Residence Director, Galloway Hall

Office of Student Aid Financial Planning

Jack L. Woodward, A.B., B.D. (1961) . . . . . .Dean of Student Aid Financial Planning
Ann Hyneman, B.A., M.S. (1988) . . . . . .Assistant Dean of Student Aid Financial Planning
Cheri Gober (1981) . . . . . .Financial Aid Secretary

Computer Services

Mark W. Grundler, A.A. (1988) . . . . . .Director of Computer Services
Peggy H. Moore, B.A. (1989) . . . . . .Secretary
Larry O. Horn (1981) . . . . . .Manager, Systems Operations
Brad L. Cooper, B.B.A., M.B.A. (1987) . . . . . .Manager, Special Services
R. Gail Keller, B.M.E., M.M.E., B.S. (1987) . . . . . .Applications Programmer
Linda E. Welch, B.S. (1988) . . . . . .Applications Programmer
Jeff Venator, B.A. (1987) . . . . . .Systems Support Assistant
James E. Vannoy (1989) . . . . . .Computer Technician
Gary K. Nalley, B.B.A. (1990) . . . . . .Special Services Consultant
Debra W. Jackson (1990) . . . . . .Special Services Consultant

Office of Adult Learning

Harrylyn Sallis, B.M., M.M. (1981) . . . . . .Associate Dean, Adult Learning/ Director, Adult Degree Program
Sandra Bunch, B.S. (1987) . . . . . .Assistant Director, Adult Degree Program
Hazel Woods, B.A. (1985) . . . . . .Director, Enrichment and Special Projects
Mary Markley (1987) . . . . . .Receptionist and Secretary
Janet Langley (1991) . . . . . .Secretary

Department of Athletics

Bob King, B.A., M.P.E. (1989) . . . . . .Director of Athletics
Paul Dancsisin, B.A., M.S.S. (1989) . . . . . .Assistant Coach, Football
Mary Ann Edge, B.S., M.S., Ed.D. (1958) . . . . . .Coach, Golf and Cross Country
David Forsythe, B.S. (1988) . . . . . .Coach, Men's Soccer
George Gober, B.A. (1982) . . . . . .Coach, Women's Soccer/Director of Intramurals
Cindy Hannon, B.S., M.S. (1990) . . . . . .Coach, Women's Basketball
Nancy McKay, B.S. (1989) . . . . . .Secretary to Director of Athletics
Jim Montgomery, A.B., A.M., Ed.D. (1959) . . . . . .Coach, Tennis
Jim Page, B.S. (1986) . . . . . .Coach, Baseball/Athletic Trainer
Tommy Ranager, B.S., M.Ed. (1964) . . . . . .Coach, Football
John Stroud, B.S., M.Ed. (1990) . . . . . .Coach, Men's Basketball

Else School of Management

Jerry D. Whitt, B.B.A., M.B.A., Ph.D. (1980) . . . . . Dean
Kay H. Mortimer, B.A., M.B.A., C.C.P. (1984) . . . Assistant Dean/Director of MBA Program
Susan M. Sharpe, B.S.R.N., M.B.A. (1988) . . . . . Assistant Dean
Paula A. Burke, B.S. (1988) . . . . . Secretary to the Dean
Dixie H. Thornton, A.A. (1990) . . . . . Faculty Secretary

Millsaps-Wilson Library

James F. Parks, Jr., A.B., M.L.S. (1969) . . . . . College Librarian
Eleanor Guenther, A.B., M.R.E., M.S.L.S., M.A.E (1986) . . . . . Acquisitions Librarian
Floreada M. Harmon, A.B., M.S.L.S. (1972) . . . . . Assistant Librarian for Public Services
Julia A. Lewis, B.A., M.L.S. (1986) . . . . . Special Services Librarian
K. Renee Taylor, B.A., M.L.S. (1987) . . . . . Catalog Librarian
Ann Baxter (1989) . . . . . Circulation Assistant (Night Supervisor)
Pamela Berberette, B.S. (1987) . . . . . Circulation Assistant
Loretta DeFoe (1990) . . . . . Assistant to the Librarian
Geraldine Reiff, B.A. (1984) . . . . . College Archivist
Joycelyn Trotter, B.A. (1963) . . . . . Library Assistant (Periodicals)
Barbara West (1981) . . . . . Catalog Assistant

Office of Records

Sara L. Brooks (1955) . . . . . Director of Records
Pearl Dyer (1975) . . . . . Assistant Director of Records
Irene Story, B.A. (1980) . . . . . Assistant
Lu Ann Hoffman, B.S.Ed. (1986) . . . . . Assistant
Tywana Minton (1988) . . . . . Assistant
Beverly Robinson (1990) . . . . . Assistant

1990 Awards Presented at Awards Day and at the Millsaps Players Banquet

Departmental Awards

Humanities

Swearingen Prize for Latin . . . . . Clytice R. Gardner
Lorna Price Williams
Swearingen Prize for Second Year Latin . . . . . Jerelind Patricia Davis
Laura Oleta Conaway
Magnolia Coullet Senior Classics Award . . . . . Erika Marie Rudgers
Millsaps College Socrates Award . . . . . Susan Leah Roberts
Ross H. Moore History Award . . . . . Emily Elizabeth Walker
American Bible Society Award . . . . . Richard Jefferson Weihing

Language and Literature

Clark Essay Medal . . . . . Ashley Kay Stockstill
Paul D. Hardin Award for English Majors . . . . . John Prentiss Warren
Beginning German Award . . . . . Sharon Louise Stephenson

Science and Mathematics

Biology Award . . . . . Mariya Aurona M. de la Cruz
Biology Research Award . . . . . Kevin Ashburne Crothers
Senior Chemistry Award . . . . . Nancy Barry Taylor
Johns Hopkins Summer Internship . . . . . Lorna Price Williams
Computer Studies Award . . . . . Douglas Stanton Patterson
Nickolas Steno Award . . . . . Daniel Richard Ayres

Geologist of the Year . . . . . Elizabeth Marie Sprehe
Samuel R. Knox Mathematics Award . . . . . Mark Talmage Graham
Most Improved Senior Mathematics Award . . . . . David Alan Reece
Physics Service Award . . . . . Mark Talmage Graham

Social and Behavioral Sciences

Award for Outstanding Elementary Student Teaching . . . . . Laurie Lynn Aycock
Clyde Anderson Doty
Award for Outstanding Secondary Student Teaching . . . . . Alicia Lynette Beam
Education Department Scholarship Award . . . . . Sidney Adelle Ware
The Reid and Cynthia Bingham Political Science Award . . . . . Jennifer Leigh Suravitch
The President John F. Kennedy Award . . . . . Jeffrey Scott Bruni
Kymberly Ann Troup
The C. Wright Mills Award in Sociology and Anthropology . . . . . Kenneth Tait Andrews
Andrea Marie Prince
Chi Omega Social Science Award . . . . . Emily Elizabeth Walker

Else School of Management

Wall Street Journal Award . . . . . Suresh Bobby Chawla
Mississippi Society of Certified Public Accountants Award . . . . . Byron Braxton Winsett

Phi Beta Kappa

Laura Oleta Conaway
Kimberly Chloe Covington
Angela Suzanne Dudley
Steven Alan Fesmire
Corrine Elaine Grady
Lisa Anne Loughman
Douglas Stanton Patterson
Andrea Marie Prince
Kelly Maurine Smith
Andrianna Spain
Sharon Louise Stephenson
Charles Todd Stokeley
Nancy Barry Taylor
Kymberly Ann Troup
Emily Elizabeth Walker
John Prentiss Warren
Martin Earle Willoughby

Beta Gamma Sigma

Leo M. Bashinsky
Suresh Bobby Chawla
David Allen Ellner
Michael Ellington King
Patricia Lynne Nation
Beverly Kay Vignery

James Garvin Chastain
Nancy Lynn Faries
William Fernie Maxwell
Jeffrey Wade Overby
Steven Brian Reed
Randy Lester Stranghoener
Elaine Younger Graves

Ford Fellows

Kevin Ashburne Crothers
Steven Alan Fesmire
Mark Talmage Graham
James Stephen Holyer
Andrea Marie Prince
Richard Kevin Read
Kathryn Edward Ruff
Christine Marguerite Schott

Individual Awards

West Tatum Award . . . . . Lisa Loughman
Pendergrass Medal . . . . . Larry Patrick Glynn

Who's Who in American Colleges and Universities

Christine Deann Bakeis
Jeffrey Scott Bruni
John Avent Cheek
Eric Dewayne Chisolm
Erin Theresa Clark
Candice Elizabeth Colton
Kimberly Chloe Covington
Melissa Kaye Crane
Helen Marie Currie
Mariya Aurona M. de la Cruz
Angela Suzanne Dudley
Merri Edwyna Ellington
Susan Williams Farmer
Steven Alan Fesmire
Laura Janet Finnegan
Robin Leigh French
Corinne Elaine Grady
Gretchen Sue Guedry
Carlo Chun Kit Lee
Lee Kelly Lofton
Lisa Anne Loughman
Kristin Louise Magee
James Rodney Nixon
Douglas Stanton Patterson
Louise Starke Patterson
Courtney Lynn Paulish
Andrea Marie Prince
Saudhi Ramirez
Richard Kevin Read
Traci Marie Savage
Christine Marguerite Schott
Ravinder Jit Singh
Sharon Louise Stephenson
David Hill Strong
Carolyn Eden Stuart
Jennifer Leigh Suravitch
Nancy Barry Taylor
Kymberly Ann Troup
Beverly Kay Vignery
Emily Elizabeth Walker
Jeffrey Morgan Weston
Lorna Price Williams

Else Scholars for 1990-91

Thomas Todd Cassetty
Suresh Bobby Chawla
Jennifer Marie Dorsey
Naomi Gardner Freeman
Michael Ford Griffith
Suzanne Evans Gueydan
Kathryn Ann Gunter
Gregory Olivier Hoyt
Todd Jason Isaacks
Kim Ann Kalkitis
Anne Latane Lewis
Tracie Louise McAlpin
Anthony Alan Melvin
Jessica Lea Pugh
Jennifer Louise Scherer
Barri Alexander Shirley
Rebecca Lee Taber
Joel William Travelstead
Gerald Stroud Triplett
Mary Helen Voehringer
Alicia Anne Williams
Brent Wilson

The Millsaps Players Awards

Alpha Psi Omega Award . . . . . Paul Burgess
Best Actor Award . . . . . John Jabaley
Best Actress Award . . . . . Elizabeth Reed
Best Supporting Actor . . . . . Paul Burgess
Best Supporting Actress . . . . . Shelley Cornell
Cameo Award . . . . . Shelley Cornell
Mitchell Award . . . . . Elizabeth Reed
Freshman Award . . . . . Shannon O'Shields
Haines Award . . . . . Jay Hannon
Backstage Award . . . . . Emy Bullard

DEGREES CONFERRED 1990

BACHELOR OF ARTS

*Andrea Ann Adkins . . . . . .Brandon
Syeda Zeba Lisa Afzal . . . . . .Cypress, CA
*Susan Bailey Akers . . . . . .Meridian
Elbert Roy Amison, Jr. . . . . .Semmes, AL
*Laurie Lynn Aycock . . . . . .McComb
Kathryn R. Ayers . . . . . .Brandon
Rebecca Kaye Baker . . . . . .Picayune
Sharon Lynn Barkley . . . . . .Jackson
Alicia Lynette Beam . . . . . .Water Valley
Edward O'Neal Benson . . . . . .Brookhaven
Jeffrey Ralph Blackwood . . . . . .Jackson
*Julia Dawn Bliton . . . . . .Jacksonville, FL
Clifton Bridges . . . . . .Biloxi
*Jeffrey Scott Bruni . . . . . .Gulfport
#Paul Dewhitt Burgess . . . . . .Jackson
Miranda Carole Burt . . . . . .Brandon
James Ogden Carpenter, Jr. . . . . .Port Gibson
*Jeannie Hsuman Cheng . . . . . .New Iberia, LA
*Erin Theresa Clark . . . . . .Yardley, PA
Julee Martin Clinton . . . . . .Laurel
Candace Jeannine Collins . . .Baton Rouge, LA
#Candice Elizabeth Colton . . . . . .Nashville, TN
Kimberly Kit Compton . . . . . .Biloxi
*Laura Oleta Conaway . . . . . .Brandon
*Melissa Kaye Crane . . . . . .Baton Rouge, LA
*Helen M. Currie . . . . . .Utica
#Christopher Alden Currie . . . . . .Mobile, AL
Sharon Marie Darter . . . . . .Tucker, GA
*Jerelind Patricia Davis . . . . . .Flowood
*John Timothy Dennis. . . . . .New Orleans, LA
Jennifer Theresa Dewees . . . .Birmingham, AL
*William Miles Eddins . . . . . .Tuscaloosa, AL
*Merri Edwyna Ellington . . . . . .Corinth
*Susan Elizabeth Elson . . . . . .Nashville, TN
Carole Joan Estes. . . . . .Steens
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